

Converting Colors

XYZ(72.0352, 90.2536, 92.5995)

Have a look what the booklet for
XYZ(72.0352, 90.2536, 92.5995)
contains.

XYZ(70.9079, 87.8904, 92.5842)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.9079, 87.8904,
92.5842)**

Conversions

Conversions Part 1

Format	Color
Hex	B9FFEC
RGB	185, 255, 236
RGB Percent	73%, 100%, 93%
CMY	0.2745, 0.0000, 0.0745
CMYK	0.27, 0.00, 0.07, 0.00
HSL	164°, 100%, 86%
HSV	164°, 27%, 100%
XYZ	70.9079, 87.8904, 92.5842
YIQ	231.9040, -35.6210, -20.7490

Conversions

Conversions Part 2

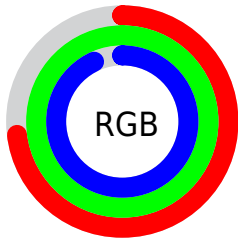
Format	Color
RYB	185, 225, 255
Decimal	12189676
CIELab	95.11, -25.47, 2.10
CIELCh	95, 25.552, 175.285
Yxy	87.8904, 0.2821, 0.3496
Android (android.graphics.Color)	4290379756 (0xFFB9FFEC)
YUV	231.9040, 2.0193, -41.1348
Hunter-Lab	93.7499, -29.0535, 7.0721

Details

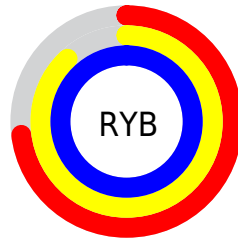
The XYZ color **70.9079, 87.8904, 92.5842** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.4887, 60.3187, 65.1074**, and the grayscale version is **76.6342, 80.6252, 87.8008**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **37.6382, 48.4293, 50.5441** is the 20% darker color. If you saturate the color by 10%, you get **64.3121, 84.6041, 87.1286**, and if you desaturate by 10%, it is **78.6477, 91.7619, 98.2996**.

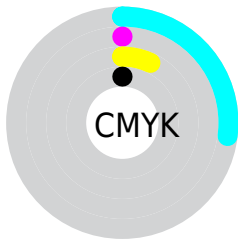
Distribution



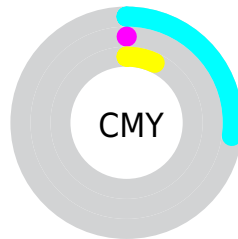
- Red (73%)
- Green (100%)
- Blue (93%)



- Red (73%)
- Yellow (88%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)




- Cyan (27%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.9079, 87.8904, 92.5842 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 70.9079, 87.8904, 92.5842 by changing the saturation by 10% instead.


 70.9079, 87.8904,
92.5842

 70.9079, 87.8904,
92.5842


452.9483,
521.1443, 557.1873

 52.5493, 66.2323,
69.5402


 119.5218,
144.4046, 152.8895

 37.6691, 48.4610,
50.6773


150.5078,
180.0294, 190.9880

 25.9020, 34.1921,
35.5769

186.4337,
221.0786, 234.9416

 16.8827, 23.0412,
23.8205

227.6648,
267.9366, 285.1691

 10.2457, 14.6239,
14.9896

274.5664,
320.9878, 342.0888

 5.6257, 8.5559,
8.6655

327.5040,

 2.6573, 4.4527,

380.6165, 406.1194

4.4298

386.8428,
447.2072, 477.6794

■ 0.9752, 1.9299,
1.8640

■ 0.0000, 0.5662,
0.4697

■ 70.9079, 87.8904,
92.5842

■ 70.9079, 87.8904,
92.5842

■ 64.3121, 84.6041,
87.1286

■ 78.6477, 91.7619,
98.2996

■ 58.7982, 81.8711,
81.9234

■ 87.5838, 96.2457,
104.2753

■ 54.3021, 79.6583,
76.9646

95.0500, 100.0000,
108.9000

■ 50.7518, 77.9289,
72.2467

■ 48.0655, 76.6405,
67.7632

■ 46.1469, 75.7436,
63.5074

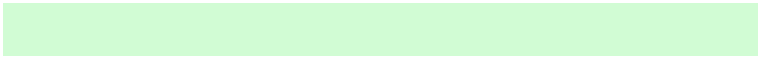
■ 44.8706, 75.1736,
59.4708

■ 44.6006, 75.0562,
58.4740

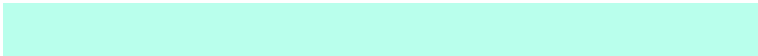
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0217, 87.8904, 75.5048



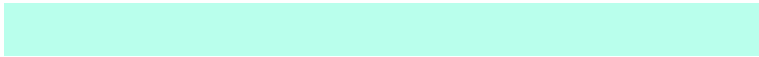
70.9079, 87.8904, 92.5842



72.0214, 87.8904, 113.0022

Triad

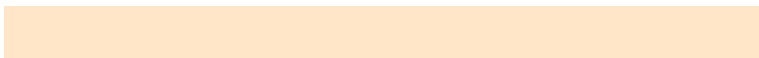
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.9079, 87.8904, 92.5842



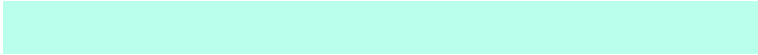
89.3790, 87.8904, 134.6649



91.3854, 87.8904, 67.5467

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



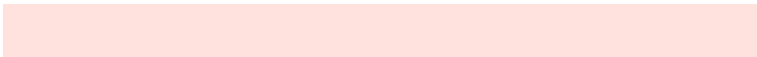
70.9079, 87.8904, 92.5842



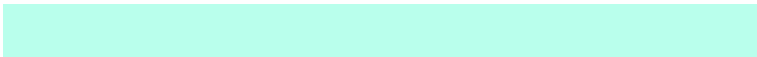
69.4887, 60.3187, 65.1074

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.2194, 87.8904, 80.2566



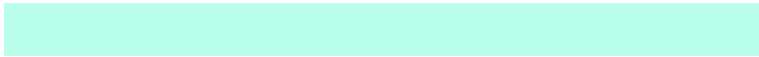
70.9079, 87.8904, 92.5842



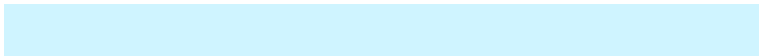
95.0166, 87.8904, 119.2035

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



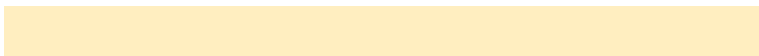
70.9079, 87.8904, 92.5842



82.4428, 87.8904, 139.1578



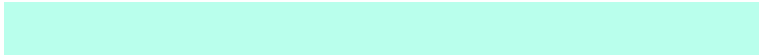
97.5835, 87.8904, 98.8802



84.6412, 87.8904, 62.3833

Rectangle

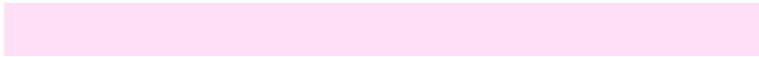
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.9079, 87.8904, 92.5842



74.4786, 87.8904, 125.5690



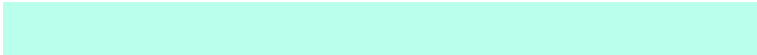
97.5835, 87.8904, 98.8802



93.3020, 87.8904, 70.9845

Sweetspot

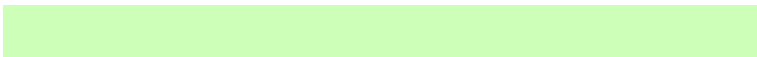
The Sweet Spot groups the original color and five complimentary colors.



70.9088, 87.8909, 92.5857



87.0603, 95.9827, 103.9397



69.6486, 87.9786, 59.2111



18.3321, 20.3924, 22.0518



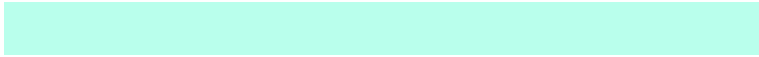
0.0000, 0.0000, 0.0000



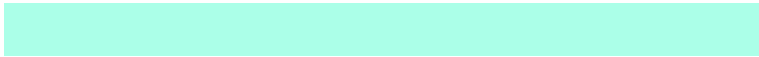
20.3446, 21.4041, 23.3091

Same Dimension

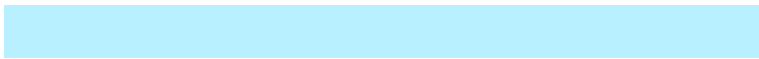
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.9088, 87.8909, 92.5857



67.1103, 85.9964, 89.5256



69.1694, 79.7570, 106.3568



18.3321, 20.3924, 22.0518



23.3706, 39.2449, 30.9008



2.3213, 3.8395, 3.2500

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69.4887, 60.3187, 65.1074



65.4773, 54.2103, 57.8688



70.6906, 66.1496, 54.9428



18.2119, 18.0681, 19.7328



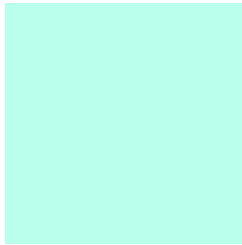
22.1665, 11.3559, 4.2615



2.2017, 1.1231, 0.6435

Previews

White Background



This preview shows how the XYZ color 70.9079, 87.8904, 92.5842 looks on a white background.

Color Contrast Check

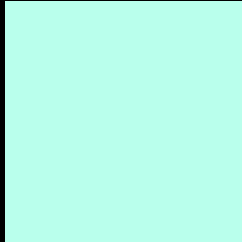
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 70.9079, 87.8904, 92.5842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

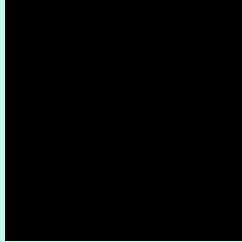
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

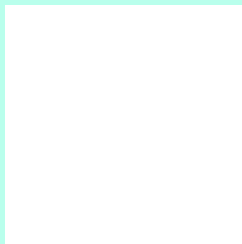
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.9079, 87.8904, 92.5842

Background



This preview shows how black text looks on a background with the XYZ color 70.9079, 87.8904, 92.5842.



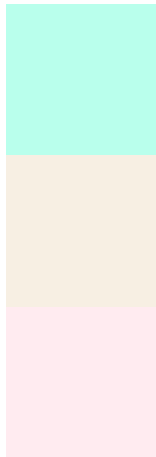
This preview shows how white text looks on a background with the XYZ color 70.9079, 87.8904,

92.5842.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

70.9079, 87.8904, 92.5842

Protanopia

83.0894, 87.0532, 85.0967

Deuteranopia

86.6765, 86.9679, 94.6562



Tritanopia

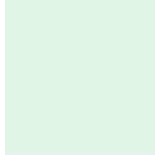
79.9158, 87.5849, 107.3013

Trichromacy



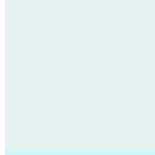
Original Color

70.9079, 87.8904, 92.5842



Protanomaly

77.6758, 86.8653, 87.5356



Deuteranomaly

79.9652, 86.5593, 94.1543



Tritanomaly

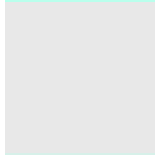
76.5511, 87.7941, 101.7182

Monochromacy



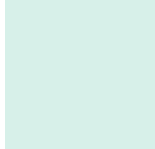
Original Color

70.9079, 87.8904, 92.5842



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

73.8924, 82.6504, 89.1494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9079, 87.8904, 92.5842 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(185, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(185, 255, 236)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(185, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 255, 236) }
```

Border

The CSS property to change the border of an element to XYZ 70.9079, 87.8904, 92.5842 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 255, 236) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(185, 255, 236) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(185, 255, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(185, 255,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9079, 87.8904, 92.5842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 255, 236) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(185,  
255, 236) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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