

Converting Colors

XYZ(71.9183, 85.7166,
107.3595)

Have a look what the booklet for
XYZ(71.9183, 85.7166, 107.3595)
contains.

XYZ(72.0028, 85.7816, 107.3703)	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(72.0028, 85.7816,
107.3703)**

Conversions

Conversions Part 1

Format	Color
Hex	B8FAFF
RGB	184, 250, 255
RGB Percent	72%, 98%, 100%
CMY	0.2784, 0.0196, 0.0000
CMYK	0.28, 0.02, 0.00, 0.00
HSL	184°, 100%, 86%
HSV	184°, 28%, 100%
XYZ	72.0028, 85.7816, 107.3703
YIQ	230.8360, -40.9410, -12.4370

Conversions

Conversions Part 2

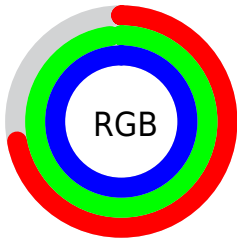
Format	Color
RYB	184, 218, 255
Decimal	12122879
CIELab	94.22, -19.28, -9.04
CIELCh	94, 21.295, 205.111
Yxy	85.7816, 0.2716, 0.3235
Android (android.graphics.Color)	4290312959 (0xFFB8FAFF)
YUV	230.8360, 11.9129, -41.0752
Hunter-Lab	92.6184, -23.3137, -3.9007

Details

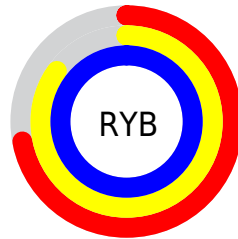
The XYZ color **72.0028, 85.7816, 107.3703** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.0894, 61.1154, 53.5570**, and the grayscale version is **75.7717, 79.7177, 86.8126**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **38.3163, 46.8843, 60.4562** is the 20% darker color. If you saturate the color by 10%, you get **65.8820, 81.8046, 106.9253**, and if you desaturate by 10%, it is **79.2344, 90.3434, 107.8697**.

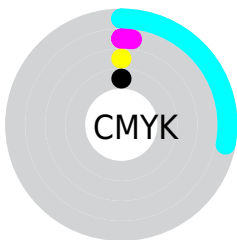
Distribution



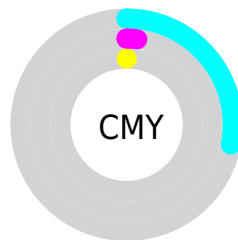
- Red (72%)
- Green (98%)
- Blue (100%)



- Red (72%)
- Yellow (85%)
- Blue (100%)



- Cyan (28%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0028, 85.7816, 107.3703 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 72.0028, 85.7816, 107.3703 by changing the saturation by 10% instead.

72.0028, 85.7816,
107.3703

72.0028, 85.7816,
107.3703

456.7088,
514.2108, 605.0202

53.4464, 64.4874,
81.8188

121.0713,
141.4647, 173.3893

38.3882, 47.0455,
60.6812

152.3141,
176.6223, 214.6938

26.4627, 33.0717,
43.5391

188.5165,
217.1699, 262.0865

17.3046, 22.1813,
29.9738

230.0438,
263.4919, 315.9858

10.5485, 13.9902,
19.5668

277.2613,
315.9725, 376.8103

5.8292, 8.1139,
11.8996

330.5344,

2.7812, 4.1679,

374.9963, 444.9785

6.5536

390.2284,
440.9476, 520.9089

■ 1.0391, 1.7679,
3.1104

■ 0.0000, 0.4671,
1.1513

■ 72.0028, 85.7816,
107.3703

■ 72.0028, 85.7816,
107.3703

■ 65.8820, 81.8046,
106.9253

■ 79.2344, 90.3434,
107.8697

■ 60.8060, 78.3720,
106.5302

■ 87.6249, 95.5083,
108.4244

■ 56.7124, 75.4536,
106.1827

95.0500, 100.0000,
108.9000

■ 53.5292, 73.0124,
105.8793

■ 51.1745, 71.0061,
105.6161

■ 49.5520, 69.3849,
105.3887

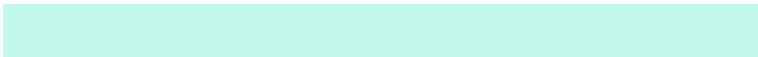
■ 48.5323, 68.0823,
105.1910

■ 48.3511, 67.8223,
105.1504

Harmonies

Analogous

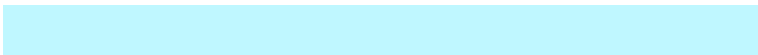
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.0896, 85.7816, 90.7510



72.0028, 85.7816, 107.3703



75.4211, 85.7816, 121.5971

Triad

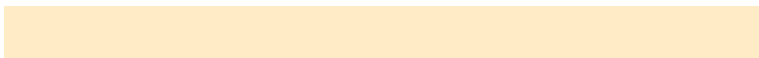
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.0028, 85.7816, 107.3703



90.8607, 85.7816, 112.5374



82.4708, 85.7816, 65.4795

Complementary

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



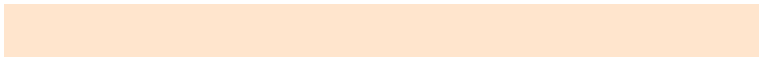
72.0028, 85.7816, 107.3703



68.0894, 61.1154, 53.5570

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.



87.9661, 85.7816, 69.9408



72.0028, 85.7816, 107.3703



92.9518, 85.7816, 96.1032

Square

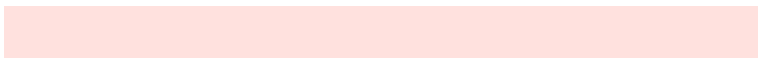
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0028, 85.7816, 107.3703



86.2746, 85.7816, 124.8157



91.8687, 85.7816, 80.7002



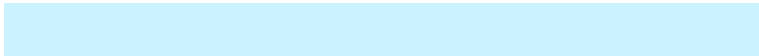
76.9681, 85.7816, 67.7572

Rectangle

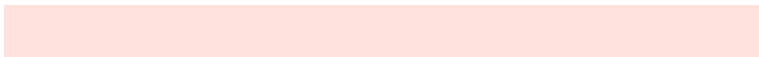
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.0028, 85.7816, 107.3703



78.7481, 85.7816, 127.1515



91.8687, 85.7816, 80.7002



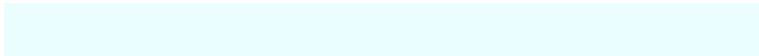
84.3825, 85.7816, 66.2241

Sweetspot

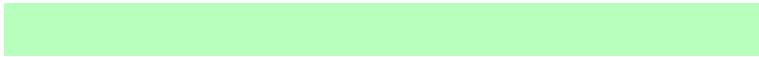
The Sweet Spot groups the original color and five complimentary colors.



72.0051, 85.7849, 107.3708



87.4828, 95.4218, 108.4152



64.6847, 85.3734, 61.0637



18.4390, 20.2497, 23.1867



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.



72.0051, 85.7849, 107.3708



68.7121, 83.6615, 107.1345



62.0595, 65.8939, 104.0556



18.4390, 20.2497, 23.1867



25.3109, 35.5314, 54.9588



2.4959, 3.5225, 5.3616

Inverse Universe

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



75.6373, 62.4448, 98.5129



72.8859, 57.1737, 96.8815



76.6109, 78.1584, 56.3975



18.7342, 18.2770, 22.4837



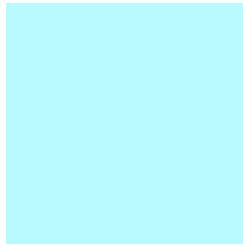
29.5640, 14.3149, 43.2159



2.8944, 1.4001, 4.2915

Previews

White Background



This preview shows how the XYZ color 72.0028, 85.7816, 107.3703 looks on a white background.

Color Contrast Check

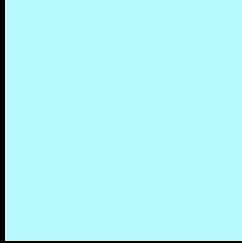
Large Text (above 18pt) WCAG AA × Fail

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 72.0028, 85.7816, 107.3703 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 72.0028, 85.7816, 107.3703

Background



This preview shows how black text looks on a background with the XYZ color 72.0028, 85.7816, 107.3703.

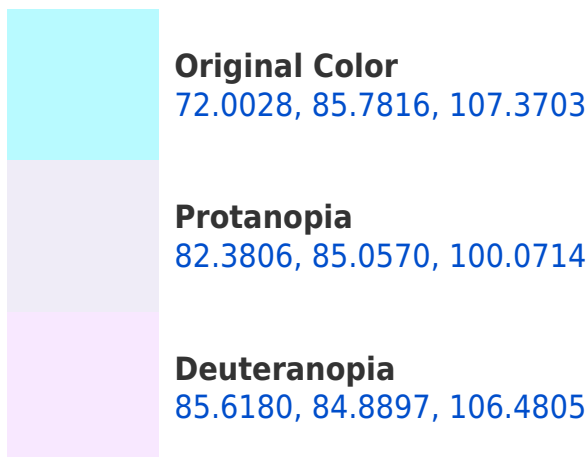


This preview shows how white text looks on a background with the XYZ color 72.0028, 85.7816,

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





Tritanopia

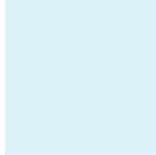
76.9646, 85.1701, 106.9907

Trichromacy



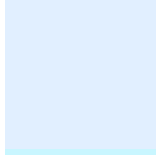
Original Color

72.0028, 85.7816, 107.3703



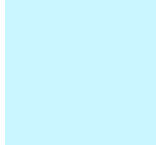
Protanomaly

77.9240, 84.8728, 102.7175



Deuteranomaly

79.9678, 84.9606, 106.7920



Tritanomaly

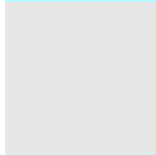
75.0932, 85.5490, 107.1625

Monochromacy



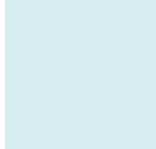
Original Color

72.0028, 85.7816, 107.3703



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

74.0343, 81.7365, 94.3128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0028, 85.7816, 107.3703 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(184, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 250, 255)  
}
```

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(184, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 250, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.0028, 85.7816, 107.3703 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(184, 250, 255) }
```


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

```
.border{ border-color:rgb(184, 250, 255) }
```

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

Here you see how a box with a 4 pixel rgb(184, 250, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 250,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0028, 85.7816, 107.3703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 250, 255) }
```

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

```
.background{ background-color: rgb(184,  
250, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor