

Converting Colors

XYZ(72.3692, 88.5794, 95.5593)

Have a look what the booklet for
XYZ(72.3692, 88.5794, 95.5593)
contains.

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Color

**XYZ(72.4744, 88.6301,
95.7256)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDFFF0</code>
RGB	189, 255, 240
RGB Percent	74%, 100%, 94%
CMY	0.2588, 0.0000, 0.0588
CMYK	0.26, 0.00, 0.06, 0.00
HSL	166°, 100%, 87%
HSV	166°, 26%, 100%
XYZ	72.4744, 88.6301, 95.7256
YIQ	233.5560, -34.5210, -18.6570

Conversions

Conversions Part 2

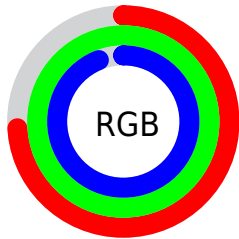
Format	Color
RYB	189, 226, 255
Decimal	12451824
CIELab	95.43, -23.49, 0.52
CIELCh	95, 23.496, 178.738
Yxy	88.6301, 0.2822, 0.3451
Android (android.graphics.Color)	4290641904 (0xFFBDFFF0)
YUV	233.5560, 3.1769, -39.0756
Hunter-Lab	94.1436, -27.3368, 5.6142

Details

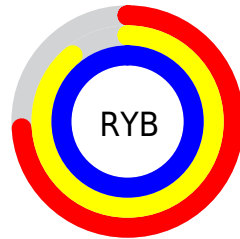
The XYZ color **72.4744, 88.6301, 95.7256** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.3373, 62.0159, 65.3902**, and the grayscale version is **77.8664, 81.9215, 89.2125**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **38.6773, 48.9172, 52.7509** is the 20% darker color. If you saturate the color by 10%, you get **65.8484, 85.3121, 90.9942**, and if you desaturate by 10%, it is **80.2418, 92.5332, 100.6568**.

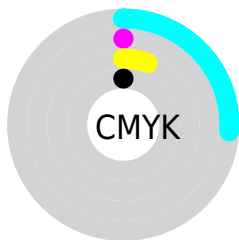
Distribution



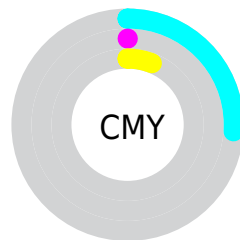
- Red (74%)
- Green (100%)
- Blue (94%)



- Red (74%)
- Yellow (89%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (26%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.4744, 88.6301, 95.7256 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 72.4744, 88.6301, 95.7256 by changing the saturation by 10% instead.


 72.4744, 88.6301,
95.7256

 72.4744, 88.6301,
95.7256


458.3232,
523.5645, 567.5289

 53.8331, 66.8450,
72.1388


 121.7379,
145.4341, 157.2709

 38.6984, 48.9587,
52.7846


153.0909,
181.2218, 196.0664

 26.7049, 34.5867,
37.2443


189.4118,
222.4458, 240.7687

 17.4871, 23.3447,
25.0994

231.0661,
269.4905, 291.7961

 10.6799, 14.8482,
15.9314

278.4190,
322.7403, 349.5673

 5.9177, 8.7129,
9.3218

331.8359,

 2.8353, 4.5544,

382.5797, 414.5008

4.8520

391.6822,
449.3929, 487.0152

■ 1.0673, 1.9883,
2.1035

■ 0.0000, 0.6006,
0.6178

■ 72.4744, 88.6301,
95.7256

■ 72.4744, 88.6301,
95.7256

■ 65.8484, 85.3121,
90.9942

■ 80.2418, 92.5332,
100.6568

■ 60.3025, 82.5478,
86.4540

■ 89.2020, 97.0481,
105.7873

■ 55.7739, 80.3049,
82.1024

95.0500, 100.0000,
108.9000

■ 52.1920, 78.5469,
77.9346

■ 49.4768, 77.2326,
73.9455

■ 47.5351, 76.3141,
70.1294

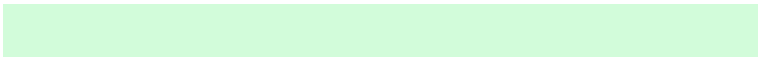
■ 46.2512, 75.7317,
66.4794

■ 45.8438, 75.5535,
65.0208

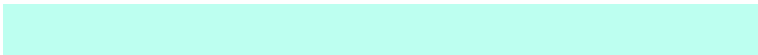
Harmonies

Analogous

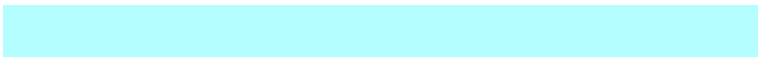
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1076, 88.6301, 79.2697



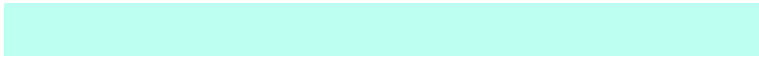
72.4744, 88.6301, 95.7256



73.8580, 88.6301, 114.5486

Triad

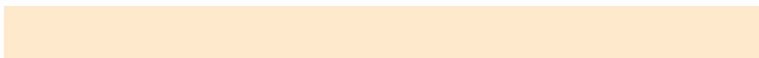
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.4744, 88.6301, 95.7256



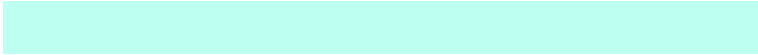
90.3257, 88.6301, 130.9984



90.8205, 88.6301, 69.2900

Complementary

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



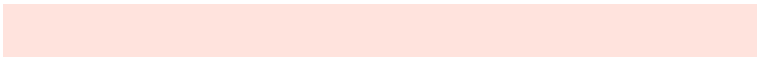
72.4744, 88.6301, 95.7256



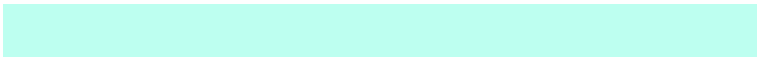
70.3373, 62.0159, 65.3902

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.



95.5526, 88.6301, 80.4599



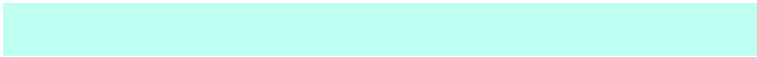
72.4744, 88.6301, 95.7256



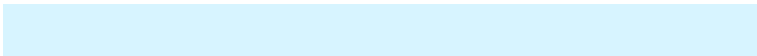
95.2568, 88.6301, 116.0690

Square

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



72.4744, 88.6301, 95.7256



83.9683, 88.6301, 136.4077



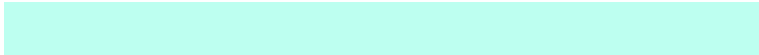
97.2152, 88.6301, 97.2848



84.5128, 88.6301, 65.2555

Rectangle

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



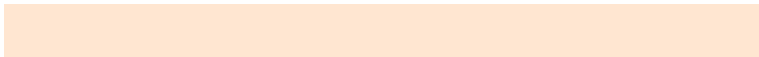
72.4744, 88.6301, 95.7256



76.3468, 88.6301, 125.6418



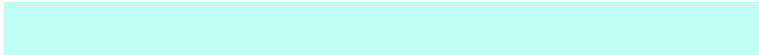
97.2152, 88.6301, 97.2848



92.6599, 88.6301, 72.2586

Sweetspot

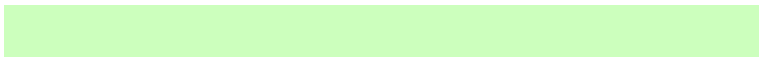
The Sweet Spot groups the original color and five complimentary colors.



72.4753, 88.6305, 95.7271



87.2015, 96.0391, 104.6835



69.9577, 88.0885, 61.4611



18.3678, 20.4067, 22.2400



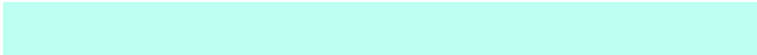
0.0000, 0.0000, 0.0000



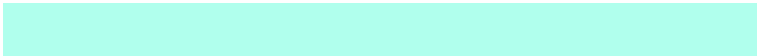
20.3446, 21.4041, 23.3091

Same Dimension

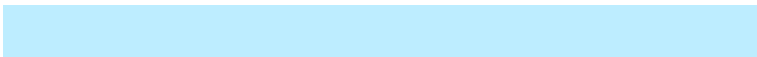
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.4753, 88.6305, 95.7271



68.9445, 86.8608, 93.2801



69.4372, 78.8398, 106.1656



18.3678, 20.4067, 22.2400



24.0139, 39.5021, 34.2881



2.3793, 3.8626, 3.5550

Inverse Universe

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



70.3373, 62.0159, 65.3902



66.4835, 56.1823, 58.3287



72.6420, 69.3671, 57.7060



18.1784, 18.0547, 19.5567



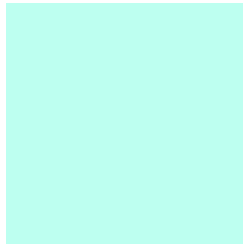
21.9934, 11.2866, 3.3496



2.1807, 1.1147, 0.5332

Previews

White Background



This preview shows how the XYZ color 72.4744, 88.6301, 95.7256 looks on a white background.

Color Contrast Check

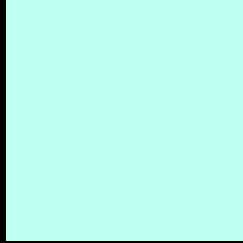
Large Text (above 18pt) WCAG AA × Fail

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 72.4744, 88.6301, 95.7256 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

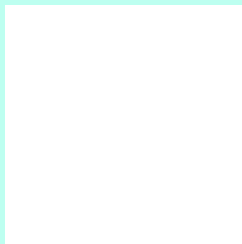
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.4744, 88.6301, 95.7256

Background



This preview shows how black text looks on a background with the XYZ color 72.4744, 88.6301, 95.7256.



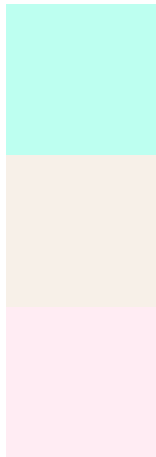
This preview shows how white text looks on a background with the XYZ color 72.4744, 88.6301,

95.7256.

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

72.4744, 88.6301, 95.7256

Protanopia

84.0833, 87.9205, 88.8826

Deuteranopia

87.4131, 87.7220, 97.1189



Tritanopia

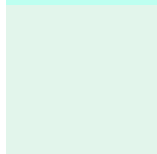
80.8266, 88.0544, 107.3439

Trichromacy



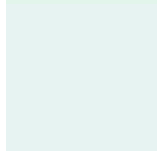
Original Color

72.4744, 88.6301, 95.7256



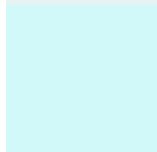
Protanomaly

79.0118, 87.4717, 91.3166



Deuteranomaly

81.0326, 87.5009, 96.6229



Tritanomaly

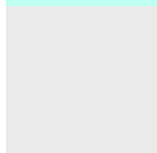
77.7093, 88.3551, 103.4010

Monochromacy



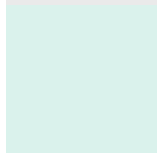
Original Color

72.4744, 88.6301, 95.7256



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.8059, 84.4658, 91.6650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4744, 88.6301, 95.7256 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(189, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(189, 255, 240)  
}
```

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(189, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 255, 240) }
```

Border

The CSS property to change the border of an element to XYZ 72.4744, 88.6301, 95.7256 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(189, 255, 240) }
```


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

```
.border{ border-color:rgb(189, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(189, 255,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4744, 88.6301, 95.7256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 255, 240) }
```

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

```
.background{ background-color: rgb(189,  
255, 240) }
```

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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