

Converting Colors

XYZ(75.2583, 93.7099,
104.5899)

Have a look what the booklet for
XYZ(75.2583, 93.7099, 104.5899)
contains.

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Color

**XYZ(72.7825, 88.6125,
103.7104)**

Conversions

Conversions Part 1

Format	Color
Hex	B8FFFA
RGB	184, 255, 250
RGB Percent	72%, 100%, 98%
CMY	0.2784, 0.0000, 0.0196
CMYK	0.28, 0.00, 0.02, 0.00
HSL	176°, 100%, 86%
HSV	176°, 28%, 100%
XYZ	72.7825, 88.6125, 103.7104
YIQ	233.2010, -40.7110, -16.6070

Conversions

Conversions Part 2

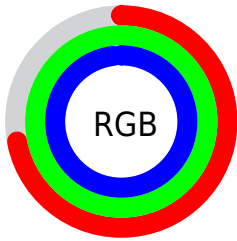
Format	Color
RYB	184, 221, 255
Decimal	12124154
CIELab	95.42, -22.81, -4.68
CIELCh	95, 23.288, 191.596
Yxy	88.6125, 0.2745, 0.3343
Android (android.graphics.Color)	4290314234 (0xFFB8FFFA)
YUV	233.2010, 8.2819, -43.1493
Hunter-Lab	94.1342, -26.7226, 0.5724

Details

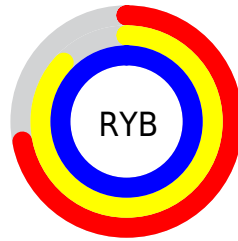
The XYZ color **72.7825, 88.6125, 103.7104** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.5666, 59.2165, 56.0136**, and the grayscale version is **77.5649, 81.6044, 88.8671**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **38.9849, 48.9503, 58.4326** is the 20% darker color. If you saturate the color by 10%, you get **66.9351, 85.6304, 101.9756**, and if you desaturate by 10%, it is **79.7356, 92.1642, 105.5139**.

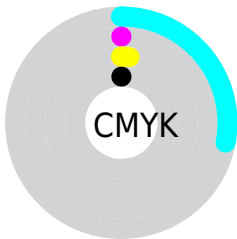
Distribution



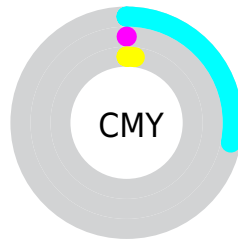
- Red (72%)
- Green (100%)
- Blue (98%)



- Red (72%)
- Yellow (87%)
- Blue (100%)



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7825, 88.6125, 103.7104 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 72.7825, 88.6125, 103.7104 by changing the saturation by 10% instead.


 72.7825, 88.6125,
103.7104

 72.7825, 88.6125,
103.7104


459.3761,
523.5070, 593.3722

 54.0859, 66.8304,
78.7688


 122.1732,
145.4096, 168.3430

 38.9013, 48.9468,
58.1855


153.5980,
181.1934, 208.8711

 26.8633, 34.5773,
41.5421


189.9962,
222.4133, 255.4317

 17.6066, 23.3375,
28.4200

231.7332,
269.4535, 308.4435

 10.7659, 14.8429,
18.4007

279.1743,
322.6987, 368.3248

 5.9758, 8.7092,
11.0657

332.6849,

 2.8709, 4.5520,

382.5330, 435.4944

5.9963

392.6304,
449.3410, 510.3706

■ 1.0859, 1.9869,
2.7741

■ 0.0132, 0.5998,
0.9805

■ 72.7825, 88.6125,
103.7104

■ 72.7825, 88.6125,
103.7104

■ 66.9351, 85.6304,
101.9756

■ 79.7356, 92.1642,
105.5139

■ 62.1312, 83.1859,
100.3021

■ 87.8461, 96.3124,
107.3841

■ 58.3070, 81.2462,
98.6884

95.0500, 100.0000,
108.9000

■ 55.3906, 79.7742,
97.1310

■ 53.3002, 78.7277,
95.6261

■ 51.9393, 78.0570,
94.1692

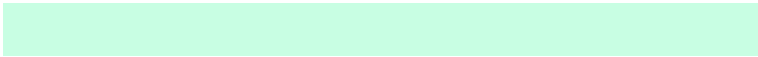
■ 51.1787, 77.6954,
92.7541

■ 51.0531, 77.6372,
92.4523

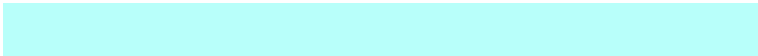
Harmonies

Analogous

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



73.1247, 88.6125, 85.8242



72.7825, 88.6125, 103.7104



75.3890, 88.6125, 121.7038

Triad

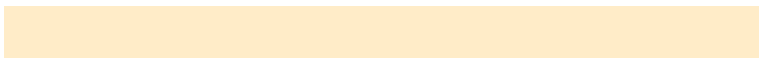
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7825, 88.6125, 103.7104



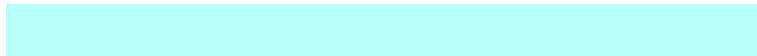
92.6221, 88.6125, 125.1763



88.1513, 88.6125, 66.8723

Complementary

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



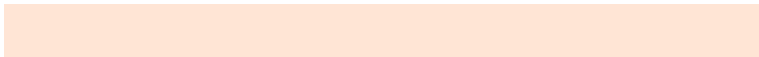
72.7825, 88.6125, 103.7104



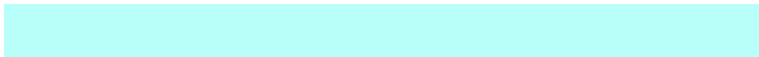
67.5666, 59.2165, 56.0136

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.



93.7226, 88.6125, 75.0136



72.7825, 88.6125, 103.7104



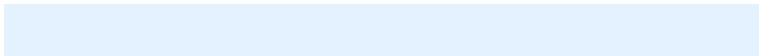
96.3921, 88.6125, 107.9917

Square

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



72.7825, 88.6125, 103.7104



86.7104, 88.6125, 135.1006



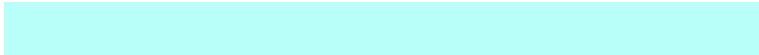
96.8048, 88.6125, 89.6012



81.7847, 88.6125, 66.0311

Rectangle

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



72.7825, 88.6125, 103.7104



78.5287, 88.6125, 130.7572



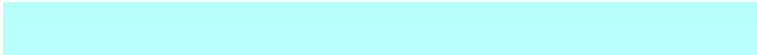
96.8048, 88.6125, 89.6012



90.1872, 88.6125, 68.7931

Sweetspot

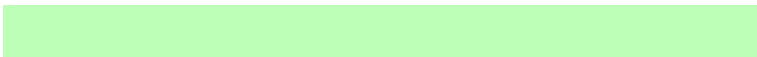
The Sweet Spot groups the original color and five complimentary colors.



72.7835, 88.6130, 103.7119



87.7086, 96.2420, 107.3540



65.6272, 85.9176, 58.4740



18.4964, 20.4581, 22.9170



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

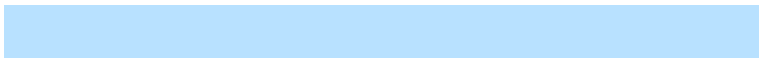
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7835, 88.6130, 103.7119



69.6326, 87.0054, 102.8083



64.8563, 71.4874, 104.9879



18.4964, 20.4581, 22.9170



26.6998, 40.5765, 48.4318



2.6156, 3.9572, 4.7993

Inverse Universe

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



67.5666, 59.2165, 56.0136



63.6879, 53.4945, 48.4458



73.8338, 72.6042, 55.4717



18.0612, 18.0078, 18.9396



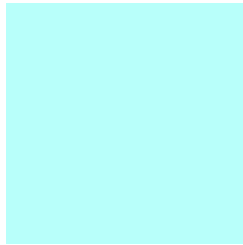
21.6245, 11.1391, 1.4070



2.1227, 1.0915, 0.2277

Previews

White Background



This preview shows how the XYZ color 72.7825, 88.6125, 103.7104 looks on a white background.

Color Contrast Check

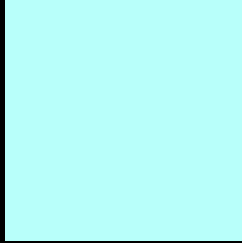
Large Text (above 18pt) WCAG AA × Fail

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 72.7825, 88.6125, 103.7104 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

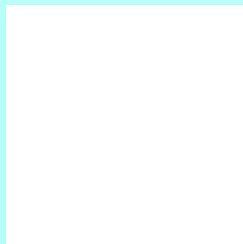
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7825, 88.6125, 103.7104

Background



This preview shows how black text looks on a background with the XYZ color 72.7825, 88.6125, 103.7104.

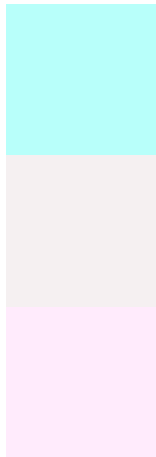


This preview shows how white text looks on a background with the XYZ color 72.7825, 88.6125,

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

72.7825, 88.6125, 103.7104

Protanopia

84.6935, 88.0835, 95.7571

Deuteranopia

88.5190, 87.7049, 104.3588



Tritanopia

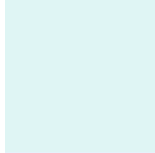
80.5210, 88.3472, 107.4165

Trichromacy



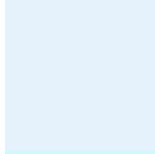
Original Color

72.7825, 88.6125, 103.7104



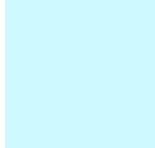
Protanomaly

79.4130, 87.5244, 98.2963



Deuteranomaly

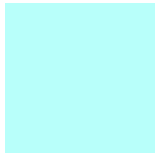
81.4778, 87.1273, 103.7897



Tritanomaly

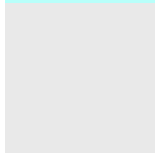
77.3374, 88.1086, 105.8591

Monochromacy



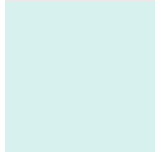
Original Color

72.7825, 88.6125, 103.7104



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

75.0596, 83.5897, 93.8397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7825, 88.6125, 103.7104 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, 255, 250)` looks like.

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

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, 255, 250) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 72.7825, 88.6125, 103.7104 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, 255, 250) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 72.7825, 88.6125, 103.7104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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