

Converting Colors

XYZ(66.8764, 78.3929, 97.9928)

Have a look what the booklet for
XYZ(66.8764, 78.3929, 97.9928)
contains.

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Color

**XYZ(66.8764, 78.3929,
97.9928)**

Conversions

Conversions Part 1

Format	Color
Hex	B7EFF5
RGB	183, 239, 245
RGB Percent	72%, 94%, 96%
CMY	0.2823, 0.0627, 0.0392
CMYK	0.25, 0.02, 0.00, 0.04
HSL	186°, 76%, 84%
HSV	186°, 25%, 96%
XYZ	66.8764, 78.3929, 97.9928
YIQ	222.9400, -35.3020, -10.0060

Conversions

Conversions Part 2

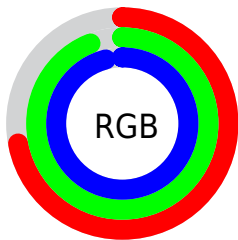
Format	Color
R_{YB}	183, 212, 245
Decimal	12054517
CIE Lab	90.96, -16.32, -8.68
CIE LCh	91, 18.483, 208.027
Yxy	78.3929, 0.2749, 0.3223
Android (android.graphics.Color)	4290244597 (0xFFB7EFF5)
YUV	222.9400, 10.8756, -35.0274
Hunter-Lab	88.5398, -20.1189, -3.6423

Details

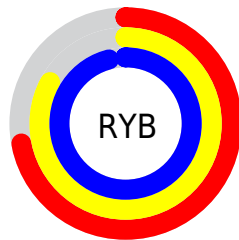
The XYZ color **66.8764, 78.3929, 97.9928** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.4019, 59.2270, 52.8390**, and the grayscale version is **70.0417, 73.6894, 80.2477**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **35.0209, 42.1303, 54.4303** is the 20% darker color. If you saturate the color by 10%, you get **60.8599, 74.2700, 97.5154**, and if you desaturate by 10%, it is **73.9209, 83.0632, 98.5243**.

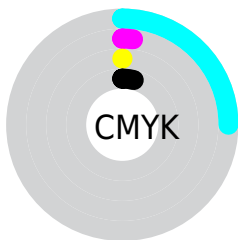
Distribution



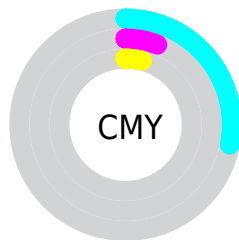
- Red (72%)
- Green (94%)
- Blue (96%)



- Red (72%)
- Yellow (83%)
- Blue (96%)



- Cyan (25%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (28%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8764, 78.3929, 97.9928 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 66.8764, 78.3929, 97.9928 by changing the saturation by 10% instead.

66.8764, 78.3929,
97.9928

66.8764, 78.3929,
97.9928

438.9441,
489.5001, 574.9297

49.2545, 58.3968,
74.0178

113.7941,
131.1038, 160.4238

35.0368, 42.1277,
54.3117

143.8206,
164.5875, 199.7169

23.8579, 29.2013,
38.4561

178.7126,
203.3357, 244.9531

15.3524, 19.2332,
26.0323

218.8356,
247.7330, 296.5510

9.1550, 11.8389,
16.6218

264.5549,
298.1637, 354.9290

4.9003, 6.6341,
9.8061

316.2359,

2.2231, 3.2343,

355.0121, 420.5058

5.1667

374.2438,
418.6628, 493.6998

0.7548, 1.2553,
2.2849

0.0000, 0.1062,
0.7228

66.8764, 78.3929,
97.9928

66.8764, 78.3929,
97.9928

60.8599, 74.2700,
97.5154

73.9209, 83.0632,
98.5243

55.8120, 70.6579,
97.0843

82.0353, 88.2967,
99.1068

51.6775, 67.5301,
96.6984

90.7122, 93.8337,
99.7182

48.3931, 64.8539,
96.3550

91.4381, 95.2855,
99.9601

■ 45.8873, 62.5923,
96.0505

■ 92.1732, 96.7558,
100.2052

■ 44.0766, 60.7024,
95.7812

■ 92.9176, 98.2445,
100.4533

■ 42.8583, 59.1310,
95.5421

■ 93.4817, 99.3727,
100.6413

■ 42.4183, 58.4659,
95.4369

Harmonies

Analogous

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



65.9082, 78.3929, 84.4760



66.8764, 78.3929, 97.9928



69.8650, 78.3929, 109.0310

Triad

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



66.8764, 78.3929, 97.9928



82.3734, 78.3929, 99.6803



74.8190, 78.3929, 62.1907

Complementary

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



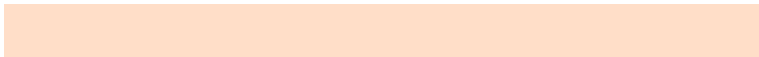
66.8764, 78.3929, 97.9928



64.4019, 59.2270, 52.8390

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.



79.3567, 78.3929, 65.3840



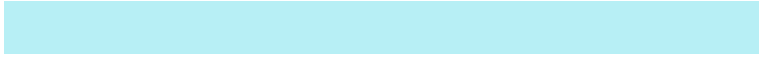
66.8764, 78.3929, 97.9928



83.8297, 78.3929, 86.2431

Square

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



66.8764, 78.3929, 97.9928



78.8007, 78.3929, 110.0745



82.7037, 78.3929, 73.8561



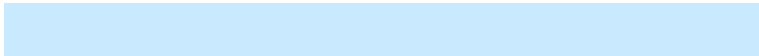
70.3781, 78.3929, 64.6471

Rectangle

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



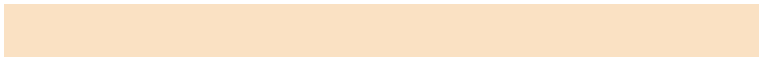
66.8764, 78.3929, 97.9928



72.6665, 78.3929, 113.0045



82.7037, 78.3929, 73.8561



76.3846, 78.3929, 62.6315

Sweetspot

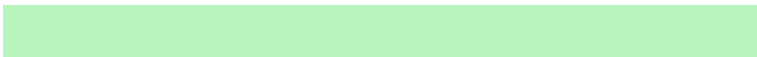
The Sweet Spot groups the original color and five complimentary colors.



66.8787, 78.3961, 97.9946



87.3128, 95.0816, 108.3585



61.2775, 79.0116, 59.6940



18.3958, 20.1633, 23.1723



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.



66.8787, 78.3961, 97.9946



69.9697, 83.6336, 107.0628



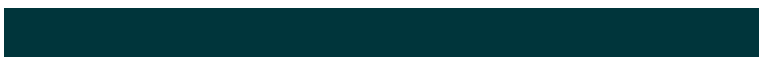
58.7710, 62.1807, 95.2920



16.8517, 18.4677, 21.2190



22.9082, 31.6101, 51.4320



2.0524, 2.8563, 4.5334

Inverse Universe

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



70.1715, 59.5133, 89.4538



74.1414, 60.0527, 96.1659



71.5799, 73.5830, 55.2317



17.1405, 16.7390, 20.4863



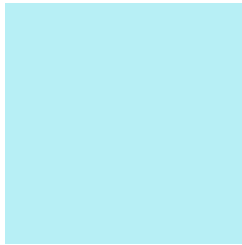
27.3675, 13.2904, 38.2392



2.4250, 1.1760, 3.4646

Previews

White Background



This preview shows how the XYZ color 66.8764, 78.3929, 97.9928 looks on a white background.

Color Contrast Check

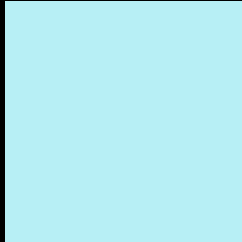
Large Text (above 18pt) WCAG AA × Fail

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 66.8764, 78.3929, 97.9928 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 66.8764, 78.3929, 97.9928

Background



This preview shows how black text looks on a background with the XYZ color 66.8764, 78.3929, 97.9928.



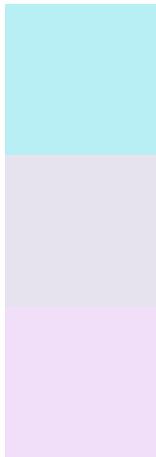
This preview shows how white text looks on a background with the XYZ color 66.8764, 78.3929,

97.9928.

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

66.8764, 78.3929, 97.9928

Protanopia

75.5348, 77.9342, 91.9506

Deuteranopia

79.4958, 77.7829, 100.4462



Tritanopia

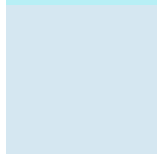
69.0732, 78.4797, 106.1153

Trichromacy



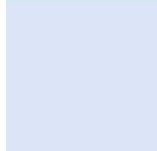
Original Color

66.8764, 78.3929, 97.9928



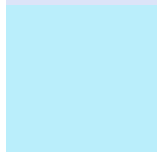
Protanomaly

71.8937, 77.6488, 94.4176



Deuteranomaly

74.2019, 77.4798, 99.8512



Tritanomaly

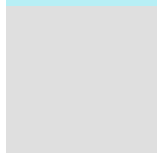
68.2368, 78.5532, 102.8326

Monochromacy



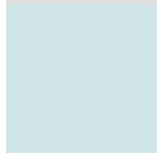
Original Color

66.8764, 78.3929, 97.9928



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

68.4555, 75.2180, 86.5118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8764, 78.3929, 97.9928 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(183, 239, 245)` looks like.

```
.text, #text, p{  
    color:rgb(183, 239, 245)  
}
```

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(183, 239, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 239, 245) }
```

Border

The CSS property to change the border of an element to XYZ 66.8764, 78.3929, 97.9928 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(183, 239, 245) }
```


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

```
.border{ border-color:rgb(183, 239, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 239, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 239, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 239, 245); box-shadow:4px 4px 4px 4px rgb(183, 239, 245) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8764, 78.3929, 97.9928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 239, 245) }
```

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

```
.background{ background-color: rgb(183,  
239, 245) }
```

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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