

Converting Colors

XYZ(50.0875, 66.3040, 79.2693)

Have a look what the booklet for
XYZ(50.0875, 66.3040, 79.2693)
contains.

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Color

**XYZ(50.0858, 66.3032,
79.2652)**

Conversions

Conversions Part 1

Format	Color
Hex	7EE6DE
RGB	126, 230, 222
RGB Percent	49%, 90%, 87%
CMY	0.5059, 0.0980, 0.1294
CMYK	0.45, 0.00, 0.03, 0.10
HSL	175°, 68%, 70%
HSV	175°, 45%, 90%
XYZ	50.0858, 66.3032, 79.2652
YIQ	197.9920, -59.4160, -24.5360

Conversions

Conversions Part 2

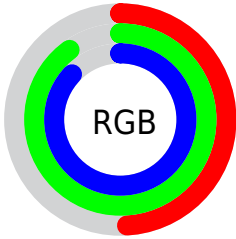
Format	Color
R _Y B	126, 180, 230
Decimal	8316638
CIE Lab	85.15, -32.14, -5.52
CIE LCh	85, 32.607, 189.744
Yxy	66.3032, 0.2560, 0.3389
Android (android.graphics.Color)	4286506718 (0xFF7EE6DE)
YUV	197.9920, 11.8359, -63.1370
Hunter-Lab	81.4268, -32.7011, -0.7173

Details

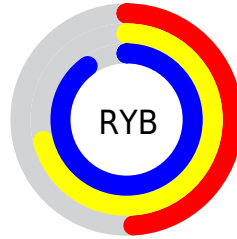
The XYZ color **50.0858, 66.3032, 79.2652** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **44.3993, 33.4678, 26.6765**, and the grayscale version is **53.6295, 56.4224, 61.4440**.

A 20% lighter version of the original color is **73.5772, 88.9303, 107.8951**, and **24.3579, 34.2204, 41.8806** is the 20% darker color. If you saturate the color by 10%, you get **46.8409, 64.6592, 77.8829**, and if you desaturate by 10%, it is **54.1167, 68.3553, 80.7002**.

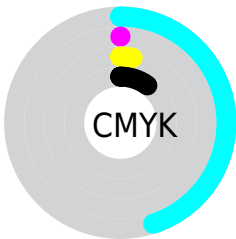
Distribution



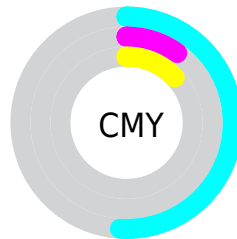
- Red (49%)
- Green (90%)
- Blue (87%)



- Red (49%)
- Yellow (71%)
- Blue (90%)



- Cyan (45%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (51%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0858, 66.3032, 79.2652 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 50.0858, 66.3032, 79.2652 by changing the saturation by 10% instead.

50.0858, 66.3032,
79.2652

50.0858, 66.3032,
79.2652

377.4478,
447.4604, 512.0944

35.6997, 48.5186,
58.5913

89.4930, 113.9214,
134.1342

24.3714, 34.2377,
41.8663

115.2449,
144.5238, 169.1663

15.7355, 23.0763,
28.6719

145.5159,
180.1675, 209.8216

9.4269, 14.6499,
18.5893

180.6717,
221.2370, 256.5186

5.0800, 8.5740,
11.2001

221.0773,
268.1166, 309.6759

2.3295, 4.4644,
6.0857

267.0984,

0.8097, 1.9366,

321.1908, 369.7119

2.8276

319.1001,
380.8440, 437.0452

■ 0.0000, 0.5702,
1.0073

■ 0.0000, 0.0000,
0.0000

■ 50.0858, 66.3032,
79.2652

■ 50.0858, 66.3032,
79.2652

■ 46.8409, 64.6592,
77.8829

■ 54.1167, 68.3553,
80.7002

■ 44.3219, 63.3877,
76.5461


■ 58.9768, 70.8329,
82.1856


■ 42.4698, 62.4596,
75.2534


■ 64.7131, 73.7619,
83.7250


■ 41.2135, 61.8383,
74.0015


■ 71.3672, 77.1638,
85.3205


 40.4656, 61.4789,
72.7862


 78.9783, 81.0588,
86.9740

 40.2202, 61.3648,
72.2147

 84.1917, 83.7174,
88.5285

 84.4453, 83.8188,
89.8640

 84.7015, 83.9213,
91.2130

 84.9602, 84.0248,
92.5754

Harmonies

Analogous

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



50.6633, 66.3032, 59.0610



50.0858, 66.3032, 79.2652



52.7605, 66.3032, 101.3010

Triad

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



50.0858, 66.3032, 79.2652



72.4983, 66.3032, 108.0200



68.0424, 66.3032, 40.4775

Complementary

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



50.0858, 66.3032, 79.2652



44.3993, 33.4678, 26.6765

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.



74.5283, 66.3032, 49.2746



50.0858, 66.3032, 79.2652



77.2365, 66.3032, 87.1399

Square

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



50.0858, 66.3032, 79.2652



65.4425, 66.3032, 119.9087



78.0069, 66.3032, 65.5543



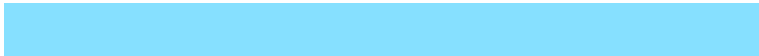
60.6564, 66.3032, 39.1857

Rectangle

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



50.0858, 66.3032, 79.2652



56.1599, 66.3032, 113.1237



78.0069, 66.3032, 65.5543



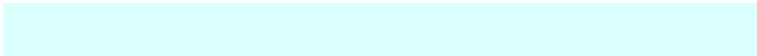
70.4154, 66.3032, 42.5600

Sweetspot

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



50.0877, 66.3058, 79.2667



82.6746, 93.6710, 106.0287



42.0029, 63.2259, 29.7301



17.3323, 19.8637, 22.6025



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.



50.0877, 66.3058, 79.2667



59.5271, 81.8790, 98.5771



40.5888, 45.5504, 81.5187



14.7571, 16.3163, 18.2515



22.7902, 34.7482, 40.9912



1.6984, 2.5735, 3.1046

Inverse Universe

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



44.3993, 33.4678, 26.6765



51.5257, 35.6084, 24.5434



50.6514, 46.8317, 26.1098



14.4218, 14.3859, 15.1555



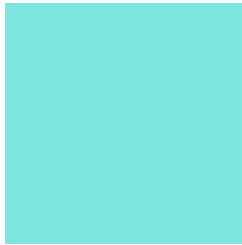
18.5525, 9.5552, 1.2726



1.3867, 0.7124, 0.1771

Previews

White Background



This preview shows how the XYZ color 50.0858, 66.3032, 79.2652 looks on a white background.

Color Contrast Check

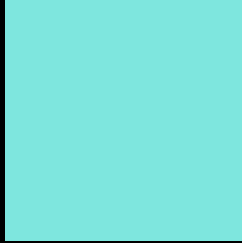
Large Text (above 18pt) WCAG AA × Fail

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 50.0858, 66.3032, 79.2652 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

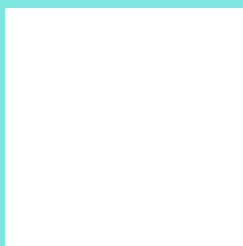
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.0858, 66.3032, 79.2652

Background



This preview shows how black text looks on a background with the XYZ color 50.0858, 66.3032, 79.2652.



This preview shows how white text looks on a background with the XYZ color 50.0858, 66.3032,

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

50.0858, 66.3032, 79.2652

Protanopia

62.8288, 65.2434, 70.9098

Deuteranopia

66.7478, 65.2162, 81.7431



Tritanopia

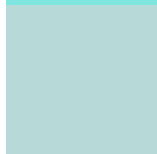
53.6234, 66.5173, 96.3991

Trichromacy



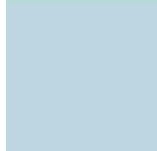
Original Color

50.0858, 66.3032, 79.2652



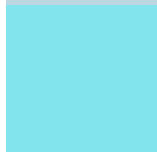
Protanomaly

56.6070, 64.5993, 73.7754



Deuteranomaly

58.6234, 64.3482, 80.5648



Tritanomaly

52.2354, 66.3471, 90.1739

Monochromacy



Original Color

50.0858, 66.3032, 79.2652



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

51.3223, 59.3688, 67.7858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0858, 66.3032, 79.2652 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(126, 230, 222)` looks like.

```
.text, #text, p{  
    color:rgb(126, 230, 222)  
}
```

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(126, 230, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 230, 222) }
```

Border

The CSS property to change the border of an element to XYZ 50.0858, 66.3032, 79.2652 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(126, 230, 222) }
```


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

```
.border{ border-color:rgb(126, 230, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 230, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 230, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 230, 222);  
box-shadow:4px 4px 4px 4px rgb(126, 230,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0858, 66.3032, 79.2652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 230, 222) }
```

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

```
.background{ background-color: rgb(126,  
230, 222) }
```

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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