

Converting Colors

XYZ(49.5822, 57.7283, 66.7683)

Have a look what the booklet for
XYZ(49.5822, 57.7283, 66.7683)
contains.

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Color

**XYZ(49.6328, 57.7835,
66.9299)**

Conversions

Conversions Part 1

Format	Color
Hex	A7D0CE
RGB	167, 208, 206
RGB Percent	65%, 82%, 81%
CMY	0.3451, 0.1843, 0.1922
CMYK	0.20, 0.00, 0.01, 0.18
HSL	177°, 30%, 74%
HSV	177°, 20%, 82%
XYZ	49.6328, 57.7835, 66.9299
YIQ	195.5130, -23.7940, -9.3140

Conversions

Conversions Part 2

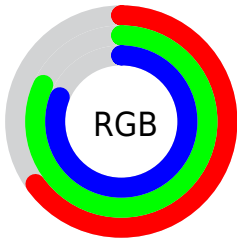
Format	Color
RYB	167, 188, 208
Decimal	10997966
CIELab	80.62, -13.82, -3.47
CIELCh	81, 14.250, 194.091
Yxy	57.7835, 0.2847, 0.3314
Android (android.graphics.Color)	4289188046 (0xFFA7D0CE)
YUV	195.5130, 5.1701, -25.0059
Hunter-Lab	76.0155, -16.4790, 1.0073

Details

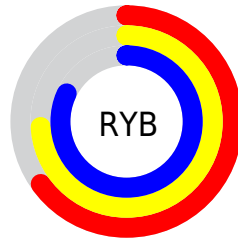
The XYZ color **49.6328, 57.7835, 66.9299** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.9946, 43.9135, 43.5378**, and the grayscale version is **52.1594, 54.8758, 59.7597**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **24.1625, 28.9556, 34.0213** is the 20% darker color. If you saturate the color by 10%, you get **45.4645, 55.6504, 66.0937**, and if you desaturate by 10%, it is **54.5120, 60.2860, 67.8060**.

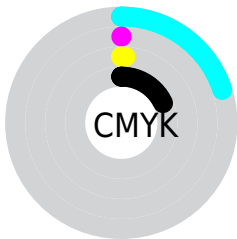
Distribution



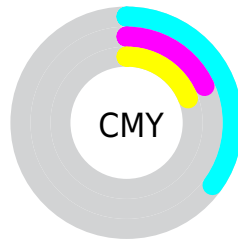
- Red (65%)
- Green (82%)
- Blue (81%)



- Red (65%)
- Yellow (74%)
- Blue (82%)



- Cyan (20%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)





- Cyan (35%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.6328, 57.7835, 66.9299 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 49.6328, 57.7835, 66.9299 by changing the saturation by 10% instead.


 49.6328, 57.7835,
66.9299


 49.6328, 57.7835,
66.9299


375.7040,
416.3787, 468.1899

 35.3383, 41.6346,
48.5664


 88.8257, 101.6075,
116.4597

 24.0913, 28.8153,
33.9125

 114.4548,
130.0514, 148.4630

 15.5265, 18.9411,
22.5496


144.5928,
163.3625, 185.8501

 9.2784, 11.6278,
14.0591

179.6050,
201.9251, 229.0394

 4.9818, 6.4907,
8.0226

219.8570,
246.1236, 278.4495

 2.2712, 3.1457,
4.0214

265.7138,

 0.7799, 1.2083,

296.3425, 334.4989

1.6371

317.5411,
352.9660, 397.6062

■ 0.0000, 0.0684,
0.3171

■ 0.0000, 0.0000,
0.0000

■ 49.6328, 57.7835,
66.9299

■ 49.6328, 57.7835,
66.9299

■ 45.4645, 55.6504,
66.0937

■ 54.5120, 60.2860,
67.8060

■ 41.9685, 53.8623,
65.2919

■ 60.1285, 63.1670,
68.7195

■ 39.1098, 52.4026,
64.5241

■ 66.5137, 66.4442,
69.6732

■ 36.8485, 51.2508,
63.7884

■ 73.6954, 70.1319,
70.6683

■ 35.1402, 50.3839,
63.0827

■ 75.5651, 71.0811,
71.4191

■ 33.9342, 49.7760,
62.4046

■ 75.6929, 71.1323,
72.0925

■ 33.1706, 49.3960,
61.7514

■ 75.8216, 71.1837,
72.7702

■ 32.7428, 49.1891,
61.1180

■ 75.9511, 71.2355,
73.4522

■ 32.7319, 49.1839,
61.0999

■ 76.0814, 71.2877,
74.1384

Harmonies

Analogous

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



49.6761, 57.7835, 58.5936



49.6328, 57.7835, 66.9299



50.9709, 57.7835, 74.8329

Triad

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



49.6328, 57.7835, 66.9299



58.9384, 57.7835, 75.2403



56.4814, 57.7835, 48.6310

Complementary

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



49.6328, 57.7835, 66.9299



46.9946, 43.9135, 43.5378

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.



59.0711, 57.7835, 52.3373



49.6328, 57.7835, 66.9299



60.5237, 57.7835, 67.4468

Square

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



49.6328, 57.7835, 66.9299



56.3056, 57.7835, 79.9120



60.5731, 57.7835, 59.0667



53.5603, 57.7835, 48.5194

Rectangle

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



49.6328, 57.7835, 66.9299



52.4947, 57.7835, 78.5860



60.5731, 57.7835, 59.0667



57.4219, 57.7835, 49.4819

Sweetspot

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



49.6345, 57.7859, 66.9312



89.5233, 97.1648, 108.0145



45.9056, 56.3447, 45.0164



19.0386, 20.7341, 23.0992



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.



49.6345, 57.7859, 66.9312



75.5292, 89.9918, 105.4935



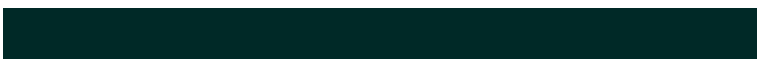
45.6393, 49.4037, 66.8077



12.1324, 13.3967, 15.0535



20.4101, 30.6570, 38.1355



1.1491, 1.7173, 2.1736

Inverse Universe

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



46.9946, 43.9135, 43.5378



70.5412, 63.7762, 61.2891



50.4328, 51.0884, 43.7632



11.8318, 11.8175, 12.3901



16.2574, 8.3758, 0.9959



0.9174, 0.4717, 0.0999

Previews

White Background



This preview shows how the XYZ color 49.6328, 57.7835, 66.9299 looks on a white background.

Color Contrast Check

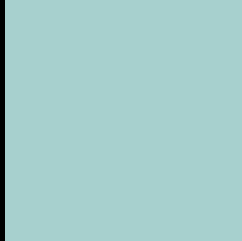
Large Text (above 18pt) WCAG AA × Fail

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 49.6328, 57.7835, 66.9299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

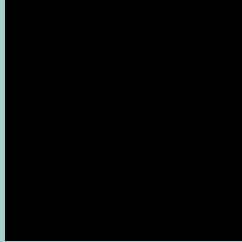
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

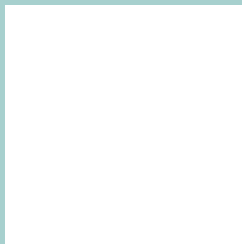
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.6328, 57.7835, 66.9299

Background



This preview shows how black text looks on a background with the XYZ color 49.6328, 57.7835, 66.9299.

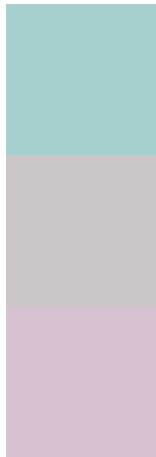


This preview shows how white text looks on a background with the XYZ color 49.6328, 57.7835,

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

49.6328, 57.7835, 66.9299

Protanopia

55.4774, 57.7135, 62.8594

Deuteranopia

58.8247, 57.6341, 68.3457



Tritanopia

51.8337, 57.9626, 77.5632

Trichromacy



Original Color

49.6328, 57.7835, 66.9299

Protanomaly

53.0164, 57.4525, 64.1723

Deuteranomaly

55.0973, 57.4067, 67.8512

Tritanomaly

51.0697, 58.0185, 73.4728

Monochromacy



Original Color

49.6328, 57.7835, 66.9299

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.0872, 55.7930, 62.7201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6328, 57.7835, 66.9299 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(167, 208, 206)` looks like.

```
.text, #text, p{  
    color:rgb(167, 208, 206)  
}
```

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(167, 208, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 208, 206) }
```

Border

The CSS property to change the border of an element to XYZ 49.6328, 57.7835, 66.9299 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(167, 208, 206) }
```


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

```
.border{ border-color:rgb(167, 208, 206) }
```

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

Here you see how a box with a 4 pixel rgb(167, 208, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 208, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 208, 206);  
box-shadow:4px 4px 4px 4px rgb(167, 208,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6328, 57.7835, 66.9299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 208, 206) }
```

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

```
.background{ background-color: rgb(167,  
208, 206) }
```

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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