

Converting Colors

XYZ(48.6729, 58.0770, 72.1675)

Have a look what the booklet for
XYZ(48.6729, 58.0770, 72.1675)
contains.

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Color

**XYZ(48.5106, 57.8183,
72.2216)**

Conversions

Conversions Part 1

Format	Color
Hex	9AD2D6
RGB	154, 210, 214
RGB Percent	60%, 82%, 84%
CMY	0.3961, 0.1765, 0.1608
CMYK	0.28, 0.02, 0.00, 0.16
HSL	184°, 42%, 72%
HSV	184°, 28%, 84%
XYZ	48.5106, 57.8183, 72.2216
YIQ	193.7120, -34.6600, -10.6280

Conversions

Conversions Part 2

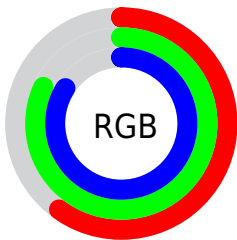
Format	Color
RYB	154, 183, 214
Decimal	10146518
CIELab	80.64, -16.96, -7.80
CIELCh	81, 18.672, 204.707
Yxy	57.8183, 0.2717, 0.3238
Android (android.graphics.Color)	4288336598 (0xFF9AD2D6)
YUV	193.7120, 10.0020, -34.8274
Hunter-Lab	76.0383, -19.1885, -3.0871

Details

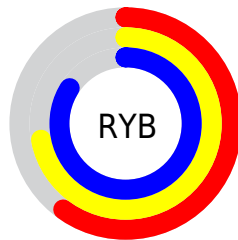
The XYZ color **48.5106, 57.8183, 72.2216** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.7917, 41.0832, 36.0893**, and the grayscale version is **51.0668, 53.7262, 58.5079**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **23.3462, 28.7126, 37.1125** is the 20% darker color. If you saturate the color by 10%, you get **44.4451, 55.2037, 71.9322**, and if you desaturate by 10%, it is **53.3087, 60.8182, 72.5487**.

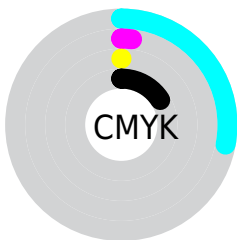
Distribution



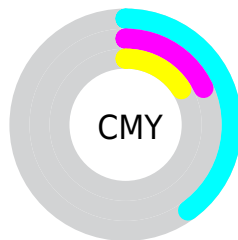
- Red (60%)
- Green (82%)
- Blue (84%)



- Red (60%)
- Yellow (72%)
- Blue (84%)



- Cyan (28%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)





- Cyan (40%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5106, 57.8183, 72.2216 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 48.5106, 57.8183, 72.2216 by changing the saturation by 10% instead.


 48.5106, 57.8183,
72.2216


 48.5106, 57.8183,
72.2216


371.3615,
416.5085, 487.3108

 34.4443, 41.6626,
52.8518


 87.1693, 101.6582,
124.0822

 23.3997, 28.8372,
37.2975


 112.4924,
130.1112, 157.4100

 15.0112, 18.9577,
25.1404


142.2985,
163.4321, 196.2276

 8.9136, 11.6397,
15.9617

176.9529,
202.0052, 240.9535

 4.7415, 6.4988,
9.3430

216.8211,
246.2151, 292.0062

 2.1296, 3.1507,
4.8657

262.2684,

 0.7052, 1.2109,

296.4460, 349.8043

2.1113

313.6600,
353.0823, 414.7663

■ 0.0000, 0.0706,
0.6225

■ 0.0000, 0.0000,
0.0000

■ 48.5106, 57.8183,
72.2216

■ 48.5106, 57.8183,
72.2216

■ 44.4451, 55.2037,
71.9322

■ 53.3087, 60.8182,
72.5487

■ 41.0686, 52.9474,
71.6746

■ 58.8701, 64.2147,
72.9112

■ 38.3406, 51.0301,
71.4483

■ 65.2298, 68.0275,
73.3119

■ 36.2143, 49.4276,
71.2511

■ 72.4192, 72.2728,
73.7524

■ 34.6367, 48.1126,
71.0804

■ 78.2249, 75.8093,
74.1291

■ 33.5453, 47.0528,
70.9334

■ 78.5943, 76.5481,
74.2522

■ 32.8502, 46.2019,
70.8058

■ 78.9669, 77.2933,
74.3764

■ 32.7328, 46.0452,
70.7817

■ 79.3426, 78.0448,
74.5016

■ 79.7216, 78.8027,
74.6280

Harmonies

Analogous

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



47.9195, 57.8183, 61.0220



48.5106, 57.8183, 72.2216



50.7945, 57.8183, 81.8575

Triad

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



48.5106, 57.8183, 72.2216



61.2099, 57.8183, 75.9913



55.6391, 57.8183, 44.1439

Complementary

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



48.5106, 57.8183, 72.2216



45.7917, 41.0832, 36.0893

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.



59.3358, 57.8183, 47.2113



48.5106, 57.8183, 72.2216



62.6465, 57.8183, 64.9270

Square

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



48.5106, 57.8183, 72.2216



58.1017, 57.8183, 84.2056



61.9453, 57.8183, 54.5157



51.9231, 57.8183, 45.6180

Rectangle

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



48.5106, 57.8183, 72.2216



53.0283, 57.8183, 85.6561



61.9453, 57.8183, 54.5157



56.9269, 57.8183, 44.6662

Sweetspot

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



48.5123, 57.8206, 72.2229



87.5070, 95.4701, 108.4232



43.4598, 57.3985, 40.6878



18.4452, 20.2619, 23.1887



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.



48.5123, 57.8206, 72.2229



68.2073, 83.4676, 107.1237



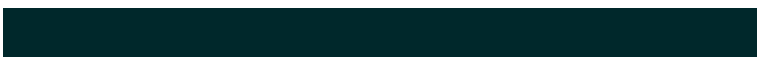
41.9890, 44.7740, 70.0485



12.7181, 13.9596, 15.9617



19.8151, 27.8919, 42.7925



1.2170, 1.7259, 2.5883

Inverse Universe

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



50.9214, 42.0617, 66.4104



72.4319, 56.2297, 96.8415



51.3357, 52.1710, 37.9373



12.9156, 12.6178, 15.4960



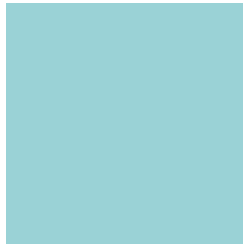
23.0606, 11.1606, 33.9528



1.4019, 0.6776, 2.1058

Previews

White Background



This preview shows how the XYZ color 48.5106, 57.8183, 72.2216 looks on a white background.

Color Contrast Check

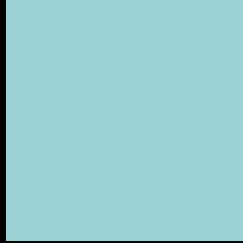
Large Text (above 18pt) WCAG AA × Fail

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 48.5106, 57.8183, 72.2216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

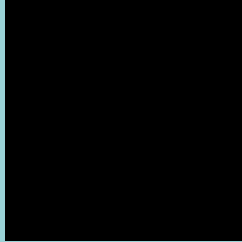
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5106, 57.8183, 72.2216

Background



This preview shows how black text looks on a background with the XYZ color 48.5106, 57.8183, 72.2216.



This preview shows how white text looks on a background with the XYZ color 48.5106, 57.8183,

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

48.5106, 57.8183, 72.2216

Protanopia

55.5440, 57.3107, 67.1661

Deuteranopia

58.6801, 57.4422, 73.6403



Tritanopia

49.8568, 57.6159, 79.7274

Trichromacy



Original Color

48.5106, 57.8183, 72.2216

Protanomaly

52.5206, 57.0845, 69.2231

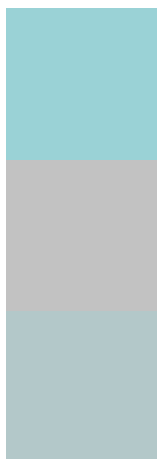
Deuteranomaly

54.2842, 57.2136, 73.1480

Tritanomaly

49.3692, 57.7899, 76.9592

Monochromacy



Original Color

48.5106, 57.8183, 72.2216

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

49.7873, 55.1093, 63.2714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5106, 57.8183, 72.2216 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(154, 210, 214)` looks like.

```
.text, #text, p{  
    color:rgb(154, 210, 214)  
}
```

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(154, 210, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 210, 214) }
```

Border

The CSS property to change the border of an element to XYZ 48.5106, 57.8183, 72.2216 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(154, 210, 214) }
```


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

```
.border{ border-color:rgb(154, 210, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 210, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 210, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 210, 214);  
box-shadow:4px 4px 4px 4px rgb(154, 210,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5106, 57.8183, 72.2216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 210, 214) }
```

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

```
.background{ background-color: rgb(154,  
210, 214) }
```

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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