

Converting Colors

XYZ(50.6038, 58.2134, 72.3985)

Have a look what the booklet for
XYZ(50.6038, 58.2134, 72.3985)
contains.

XYZ(50.6298, 58.1823, 72.1802)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.6298, 58.1823,
72.1802)**

Conversions

Conversions Part 1

Format	Color
Hex	A7D0D6
RGB	167, 208, 214
RGB Percent	65%, 82%, 84%
CMY	0.3451, 0.1843, 0.1608
CMYK	0.22, 0.03, 0.00, 0.16
HSL	188°, 36%, 75%
HSV	188°, 22%, 84%
XYZ	50.6298, 58.1823, 72.1802
YIQ	196.4250, -26.3620, -6.8260

Conversions

Conversions Part 2

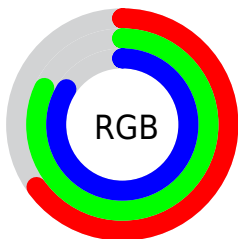
Format	Color
RYB	167, 189, 214
Decimal	10997974
CIELab	80.84, -12.10, -7.42
CIELCh	81, 14.194, 211.527
Yxy	58.1823, 0.2797, 0.3215
Android (android.graphics.Color)	4289188054 (0xFFA7D0D6)
YUV	196.4250, 8.6645, -25.8057
Hunter-Lab	76.2773, -15.0042, -2.7112

Details

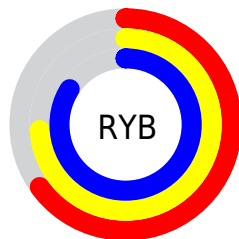
The XYZ color **50.6298, 58.1823, 72.1802** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.6507, 46.9734, 43.0102**, and the grayscale version is **52.6868, 55.4306, 60.3639**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **24.7530, 29.1918, 37.1308** is the 20% darker color. If you saturate the color by 10%, you get **45.8180, 54.7233, 71.7671**, and if you desaturate by 10%, it is **56.2046, 62.0546, 72.6348**.

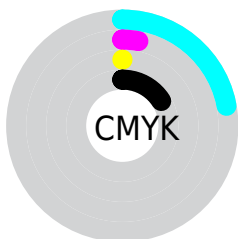
Distribution



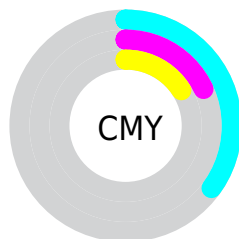
- Red (65%)
- Green (82%)
- Blue (84%)



- Red (65%)
- Yellow (74%)
- Blue (84%)



- Cyan (22%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)





- Cyan (35%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6298, 58.1823, 72.1802 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 50.6298, 58.1823, 72.1802 by changing the saturation by 10% instead.


 50.6298, 58.1823,
72.1802


 50.6298, 58.1823,
72.1802

379.5352,
417.8649, 487.1630

 36.1339, 41.9552,
52.8182


 90.2936, 102.1883,
124.0228

 24.7082, 29.0662,
37.2709


 116.1922,
130.7360, 157.3404

 15.9874, 19.1309,
25.1199

146.6224,
164.1593, 196.1470

 9.6060, 11.7649,
15.9466

181.9496,
202.8428, 240.8611

 5.1988, 6.5838,
9.3324

222.5391,
247.1706, 291.9012

 2.4003, 3.2032,
4.8589

268.7563,

 0.8453, 1.2387,

297.5273, 349.6858

2.1074

320.9665,
354.2973, 414.6336

■ 0.0000, 0.0930,
0.6202

■ 0.0000, 0.0000,
0.0000

■ 50.6298, 58.1823,
72.1802

■ 50.6298, 58.1823,
72.1802

■ 45.8180, 54.7233,
71.7671

■ 56.2046, 62.0546,
72.6348

■ 41.7273, 51.6515,
71.3898

■ 62.5715, 66.3509,
73.1284

■ 38.3194, 48.9486,
71.0477

■ 69.7644, 71.0902,
73.6641

■ 35.5504, 46.5917,
70.7387

■ 77.8138, 76.2883,
74.2432

■ 33.3713, 44.5557,
70.4606

■ 79.4083, 78.1761,
74.5235

■ 31.7258, 42.8113,
70.2106

■ 80.1380, 79.6355,
74.7668

■ 30.5464, 41.3238,
69.9856

■ 80.8795, 81.1185,
75.0139

■ 29.8434, 40.2662,
69.8186

■ 81.6328, 82.6252,
75.2651

■ 82.3981, 84.1558,
75.5202

Harmonies

Analogous

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



49.8506, 58.1823, 63.7822



50.6298, 58.1823, 72.1802



52.6544, 58.1823, 78.6410

Triad

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



50.6298, 58.1823, 72.1802



60.4094, 58.1823, 71.3697



55.1503, 58.1823, 48.5332

Complementary

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



50.6298, 58.1823, 72.1802



49.6507, 46.9734, 43.0102

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.



58.0339, 58.1823, 50.1830



50.6298, 58.1823, 72.1802



61.1339, 58.1823, 62.9210

Square

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



50.6298, 58.1823, 72.1802



58.3032, 58.1823, 78.1447



60.2500, 58.1823, 55.2722



52.4027, 58.1823, 50.5525

Rectangle

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



50.6298, 58.1823, 72.1802



54.4735, 58.1823, 80.7125



60.2500, 58.1823, 55.2722



56.1359, 58.1823, 48.6762

Sweetspot

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



50.6315, 58.1847, 72.1815



88.0628, 95.3257, 108.3660



47.4769, 59.3069, 48.2197



18.7262, 20.3206, 23.1852



0.0000, 0.0000, 0.0000



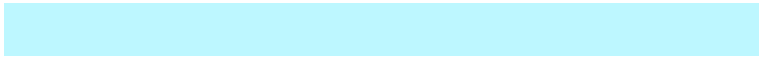
20.3446, 21.4041, 23.3091

Same Dimension

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



50.6315, 58.1847, 72.1815



72.0822, 84.2410, 107.0687



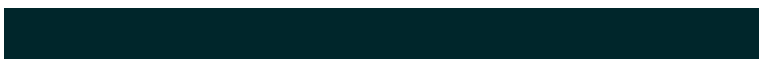
45.4274, 47.7765, 70.4468



12.6507, 13.8248, 15.9392



18.0916, 24.4450, 42.2180



1.1298, 1.5516, 2.5593

Inverse Universe

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



52.9368, 46.4889, 65.8604



76.0907, 64.2133, 96.0079



54.4438, 56.5596, 44.6079



12.8817, 12.6042, 15.3170



22.1907, 10.8126, 29.3718



1.3579, 0.6600, 1.8742

Previews

White Background



This preview shows how the XYZ color 50.6298, 58.1823, 72.1802 looks on a white background.

Color Contrast Check

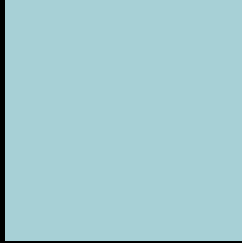
Large Text (above 18pt) WCAG AA × Fail

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 50.6298, 58.1823, 72.1802 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

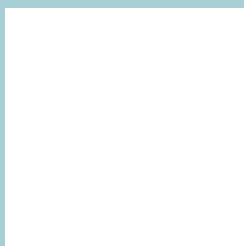
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6298, 58.1823, 72.1802

Background



This preview shows how black text looks on a background with the XYZ color 50.6298, 58.1823, 72.1802.



This preview shows how white text looks on a background with the XYZ color 50.6298, 58.1823,

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

50.6298, 58.1823, 72.1802

Protanopia

56.0194, 57.8678, 68.5387

Deuteranopia

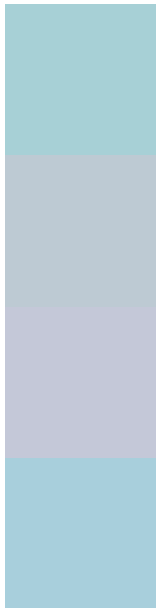
59.1909, 58.0370, 73.7282



Tritanopia

51.9943, 58.3884, 78.3417

Trichromacy



Original Color

50.6298, 58.1823, 72.1802

Protanomaly

53.8647, 57.7630, 69.9384

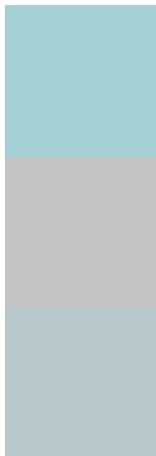
Deuteranomaly

55.8139, 58.0022, 73.2196

Tritanomaly

51.3795, 58.1178, 76.2200

Monochromacy



Original Color

50.6298, 58.1823, 72.1802

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.4414, 55.9346, 64.5851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6298, 58.1823, 72.1802 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(167, 208, 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(167, 208, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 208, 214) }
```

Border

The CSS property to change the border of an element to XYZ 50.6298, 58.1823, 72.1802 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, 214) }
```


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

```
.border{ border-color:rgb(167, 208, 214) }
```

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, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 208, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 208, 214);  
box-shadow:4px 4px 4px 4px rgb(167, 208,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6298, 58.1823, 72.1802 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, 214) }
```

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

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