

Converting Colors

XYZ(52.3133, 58.2684, 72.7686)

Have a look what the booklet for
XYZ(52.3133, 58.2684, 72.7686)
contains.

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Color

**XYZ(52.2415, 58.2790,
72.7855)**

Conversions

Conversions Part 1

Format	Color
Hex	B0CED7
RGB	176, 206, 215
RGB Percent	69%, 81%, 84%
CMY	0.3098, 0.1921, 0.1569
CMYK	0.18, 0.04, 0.00, 0.16
HSL	194°, 33%, 77%
HSV	194°, 18%, 84%
XYZ	52.2415, 58.2790, 72.7855
YIQ	198.0560, -20.7690, -3.5610

Conversions

Conversions Part 2

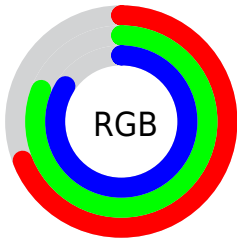
Format	Color
R _Y B	176, 193, 215
Decimal	11587287
CIE Lab	80.89, -8.07, -7.82
CIE LCh	81, 11.237, 224.069
Yxy	58.2790, 0.2850, 0.3179
Android (android.graphics.Color)	4289777367 (0xFFB0CED7)
YUV	198.0560, 8.3534, -19.3431
Hunter-Lab	76.3407, -11.4450, -3.0904

Details

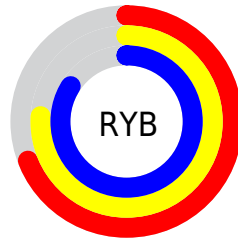
The XYZ color **52.2415, 58.2790, 72.7855** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.2102, 52.2795, 48.3618**, and the grayscale version is **53.6718, 56.4669, 61.4924**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **25.7418, 29.2055, 37.5382** is the 20% darker color. If you saturate the color by 10%, you get **46.5850, 53.6197, 72.1852**, and if you desaturate by 10%, it is **58.7090, 63.4154, 73.4370**.

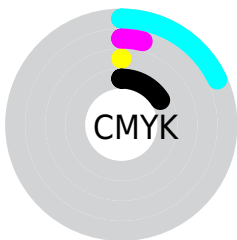
Distribution



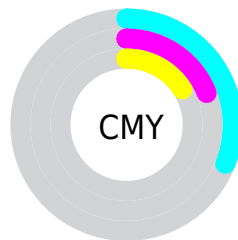
- Red (69%)
- Green (81%)
- Blue (84%)



- Red (69%)
- Yellow (76%)
- Blue (84%)



- Cyan (18%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (31%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2415, 58.2790, 72.7855 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 52.2415, 58.2790, 72.7855 by changing the saturation by 10% instead.

■ 52.2415, 58.2790,
72.7855

■ 52.2415, 58.2790,
72.7855

385.6769,
418.2247, 489.3219

■ 37.4227, 42.0330,
53.3098

■ 92.6594, 102.3290,
124.8907

■ 25.7101, 29.1271,
37.6607

118.9892,
130.9019, 158.3574

■ 16.7384, 19.1770,
25.4197

149.8867,
164.3524, 197.3248

■ 10.1423, 11.7983,
16.1682

185.7172,
203.0650, 242.2115

■ 5.5564, 6.6065,
9.4876

226.8461,
247.4242, 293.4360

■ 2.6153, 3.2172,
4.9594

273.6388,

■ 0.9538, 1.2462,

297.8143, 351.4169

2.1652

326.4606,
354.6197, 416.5727

■ 0.0000, 0.0989,
0.6542

■ 0.0000, 0.0000,
0.0000

■ 52.2415, 58.2790,
72.7855

■ 52.2415, 58.2790,
72.7855

■ 46.5850, 53.6197,
72.1852

■ 58.7090, 63.4154,
73.4370

■ 41.6980, 49.4109,
71.6304

■ 66.0165, 69.0398,
74.1375

■ 37.5427, 45.6343,
71.1205

■ 74.1978, 75.1716,
74.8898

■ 34.0760, 42.2671,
70.6533

■ 80.6600, 80.4745,
75.5728

■ 31.2504, 39.2843,
70.2264

■ 82.0271, 83.2088,
76.0285

■ 29.0115, 36.6572,
69.8374

■ 83.4336, 86.0217,
76.4973

■ 27.2959, 34.3527,
69.4830

■ 84.8797, 88.9140,
76.9794

■ 26.0112, 32.3226,
69.1588

■ 86.3658, 91.8861,
77.4747

■ 25.7935, 31.9616,
69.1006

■ 87.8922, 94.9388,
77.9835

Harmonies

Analogous

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



51.1675, 58.2790, 66.6199



52.2415, 58.2790, 72.7855



54.1742, 58.2790, 76.5831

Triad

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



52.2415, 58.2790, 72.7855



59.8042, 58.2790, 67.0361



54.3126, 58.2790, 51.8275

Complementary

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



52.2415, 58.2790, 72.7855



53.2102, 52.2795, 48.3618

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.



56.6288, 58.2790, 51.9217



52.2415, 58.2790, 72.7855



59.8438, 58.2790, 60.3938

Square

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



52.2415, 58.2790, 72.7855



58.5609, 58.2790, 73.1086



58.6676, 58.2790, 54.9597



52.3404, 58.2790, 54.6927

Rectangle

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



52.2415, 58.2790, 72.7855



55.7103, 58.2790, 77.1053



58.6676, 58.2790, 54.9597



55.0758, 58.2790, 51.5207

Sweetspot

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



52.2432, 58.2814, 72.7868



89.5826, 95.7991, 108.3773



50.9049, 61.3116, 54.7475



19.0154, 20.3818, 23.1818



0.0000, 0.0000, 0.0000



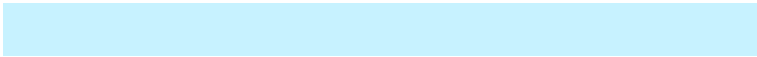
20.3446, 21.4041, 23.3091

Same Dimension

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



52.2432, 58.2814, 72.7868



73.3460, 82.8872, 106.7408



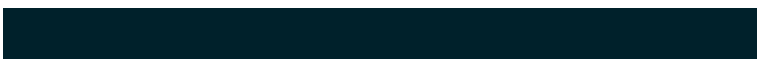
47.9522, 49.6994, 71.3565



12.5380, 13.5994, 15.9016



15.5113, 19.2844, 41.3579



0.9961, 1.2842, 2.5147

Inverse Universe

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



54.6916, 49.9552, 65.1550



77.6761, 68.4751, 93.1730



57.4428, 60.7446, 49.7727



12.8248, 12.5814, 15.0174



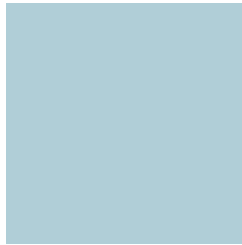
20.8882, 10.2916, 22.5133



1.2904, 0.6330, 1.5188

Previews

White Background



This preview shows how the XYZ color 52.2415, 58.2790, 72.7855 looks on a white background.

Color Contrast Check

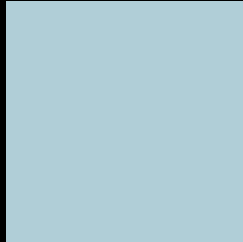
Large Text (above 18pt) WCAG AA × Fail

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 52.2415, 58.2790, 72.7855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

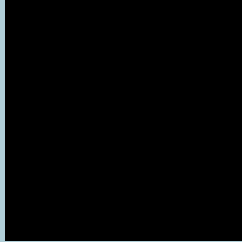
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

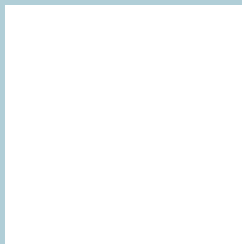
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2415, 58.2790, 72.7855

Background



This preview shows how black text looks on a background with the XYZ color 52.2415, 58.2790, 72.7855.



This preview shows how white text looks on a background with the XYZ color 52.2415, 58.2790,

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

52.2415, 58.2790, 72.7855

Protanopia

56.2687, 57.9675, 69.8512

Deuteranopia

59.1909, 58.0370, 73.7282



Tritanopia

53.0139, 58.2302, 76.8520

Trichromacy



Original Color

52.2415, 58.2790, 72.7855

Protanomaly

54.7424, 58.2010, 70.6360

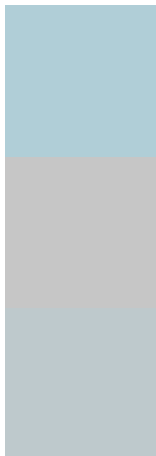
Deuteranomaly

56.3713, 57.9468, 73.1795

Tritanomaly

52.7490, 58.1242, 75.4568

Monochromacy



Original Color

52.2415, 58.2790, 72.7855

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.0209, 57.0801, 65.3498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2415, 58.2790, 72.7855 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(176, 206, 215) looks like.

```
.text, #text, p{  
    color:rgb(176, 206, 215)  
}
```

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(176, 206, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 206, 215) }
```

Border

The CSS property to change the border of an element to XYZ 52.2415, 58.2790, 72.7855 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(176, 206, 215) }
```


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

```
.border{ border-color:rgb(176, 206, 215) }
```

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

Here you see how a box with a 4 pixel rgb(176, 206, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 206, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 206, 215);  
box-shadow:4px 4px 4px 4px rgb(176, 206,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2415, 58.2790, 72.7855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 206, 215) }
```

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

```
.background{ background-color: rgb(176,  
206, 215) }
```

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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