

Converting Colors

XYZ(52.4714, 58.2010, 75.2566)

Have a look what the booklet for
XYZ(52.4714, 58.2010, 75.2566)
contains.

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Color

**XYZ(52.5367, 58.3710,
75.5156)**

Conversions

Conversions Part 1

Format	Color
Hex	AFCEDB
RGB	175, 206, 219
RGB Percent	69%, 81%, 86%
CMY	0.3137, 0.1921, 0.1412
CMYK	0.20, 0.06, 0.00, 0.14
HSL	198°, 38%, 77%
HSV	198°, 20%, 86%
XYZ	52.5367, 58.3710, 75.5156
YIQ	198.2130, -22.6490, -2.5290

Conversions

Conversions Part 2

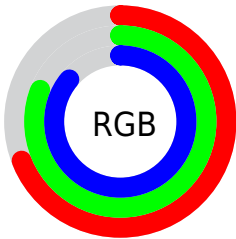
Format	Color
RYB	175, 193, 219
Decimal	11521755
CIELab	80.94, -7.52, -9.89
CIELCh	81, 12.425, 232.731
Yxy	58.3710, 0.2818, 0.3131
Android (android.graphics.Color)	4289711835 (0xFFAFCEDB)
YUV	198.2130, 10.2480, -20.3578
Hunter-Lab	76.4009, -10.9570, -5.1223

Details

The XYZ color **52.5367, 58.3710, 75.5156** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.9351, 54.1219, 48.1099**, and the grayscale version is **53.7569, 56.5564, 61.5899**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **25.9551, 29.2744, 39.4045** is the 20% darker color. If you saturate the color by 10%, you get **46.4893, 52.9902, 74.7967**, and if you desaturate by 10%, it is **59.4489, 64.2958, 76.2958**.

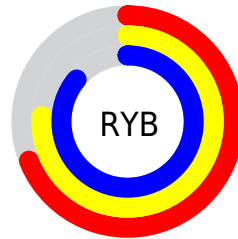
Distribution



Red (69%)

Green (81%)

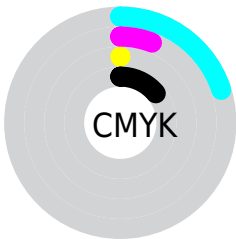
Blue (86%)



Red (69%)

Yellow (76%)

Blue (86%)

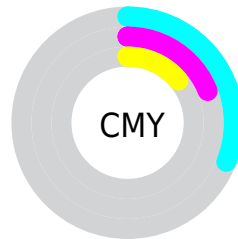


Cyan (20%)

Magenta (6%)

Yellow (0%)

Black (14%)



Cyan (31%)

Magenta (19%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5367, 58.3710, 75.5156 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 52.5367, 58.3710, 75.5156 by changing the saturation by 10% instead.

■ 52.5367, 58.3710,
75.5156

■ 52.5367, 58.3710,
75.5156

386.7951,
418.5669, 498.9905

■ 37.6590, 42.1070,
55.5311

■ 93.0918, 102.4629,
128.7958

■ 25.8942, 29.1851,
39.4256

119.5000,
131.0596, 162.9285

■ 16.8768, 19.2209,
26.7806

150.4824,
164.5360, 202.6144

■ 10.2414, 11.8300,
17.1776

186.4044,
203.2765, 248.2721

■ 5.6228, 6.6280,
10.1979

227.6313,
247.6654, 300.3199

■ 2.6556, 3.2306,
5.4230

274.5285,

■ 0.9744, 1.2533,

298.0872, 359.1766

2.4345

327.4613,
354.9262, 425.2606

■ 0.0000, 0.1046,
0.8051

■ 0.0000, 0.0000,
0.0000

■ 52.5367, 58.3710,
75.5156

■ 52.5367, 58.3710,
75.5156

■ 46.4893, 52.9902,
74.7967

■ 59.4489, 64.2958,
76.2958

■ 41.2622, 48.1249,
74.1331

■ 67.2571, 70.7772,
77.1353

■ 36.8150, 43.7545,
73.5239

■ 75.9974, 77.8366,
78.0373

■ 33.1014, 39.8539,
72.9667

■ 82.8496, 84.0210,
78.8698

■ 30.0697, 36.3955,
72.4590

■ 84.7031, 87.7281,
79.4877

■ 27.6613, 33.3477,
71.9976

■ 86.6244, 91.5705,
80.1281

■ 25.8065, 30.6733,
71.5792

■ 88.6140, 95.5499,
80.7913

■ 24.3929, 28.3276,
71.2009

■ 89.7864, 97.8945,
81.1821

Harmonies

Analogous

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



51.0394, 58.3710, 69.1916



52.5367, 58.3710, 75.5156



54.8561, 58.3710, 78.6776

Triad

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



52.5367, 58.3710, 75.5156



60.5352, 58.3710, 65.3663



53.5895, 58.3710, 51.3595

Complementary

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



52.5367, 58.3710, 75.5156



54.9351, 54.1219, 48.1099

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.



56.1084, 58.3710, 50.5080



52.5367, 58.3710, 75.5156



60.1707, 58.3710, 58.2352

Square

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



52.5367, 58.3710, 75.5156



59.5122, 58.3710, 72.5309



58.5310, 58.3710, 52.9310



51.6340, 58.3710, 55.3540

Rectangle

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



52.5367, 58.3710, 75.5156



56.5777, 58.3710, 78.4075



58.5310, 58.3710, 52.9310



54.3964, 58.3710, 50.7095

Sweetspot

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



52.5384, 58.3734, 75.5169



88.2185, 94.3629, 108.1720



52.0316, 63.3860, 56.7697



18.7293, 20.0700, 23.1367



0.0000, 0.0000, 0.0000



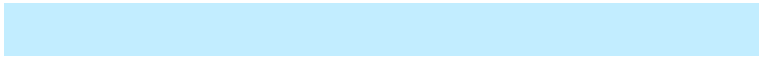
20.3446, 21.4041, 23.3091

Same Dimension

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



52.5384, 58.3734, 75.5169



70.5083, 79.1858, 106.1759



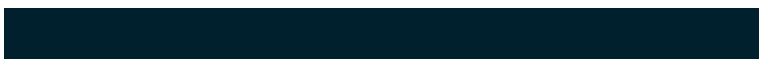
47.7181, 48.7328, 73.9101



13.1032, 14.1461, 16.6920



14.5629, 16.9953, 42.2513



1.0169, 1.2480, 2.7617

Inverse Universe

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



55.6854, 50.1777, 65.1454



75.7619, 65.8644, 88.7806



59.8675, 63.9866, 49.7541



13.4419, 13.2059, 15.5885



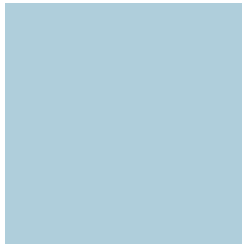
20.8460, 10.3395, 19.3670



1.3876, 0.6847, 1.4500

Previews

White Background



This preview shows how the XYZ color 52.5367, 58.3710, 75.5156 looks on a white background.

Color Contrast Check

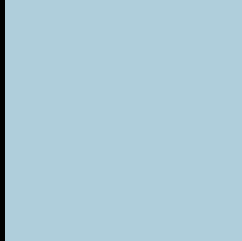
Large Text (above 18pt) WCAG AA × Fail

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 52.5367, 58.3710, 75.5156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

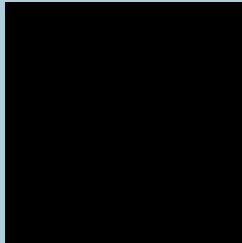
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5367, 58.3710, 75.5156

Background



This preview shows how black text looks on a background with the XYZ color 52.5367, 58.3710, 75.5156.



This preview shows how white text looks on a background with the XYZ color 52.5367, 58.3710,

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

52.5367, 58.3710, 75.5156

Protanopia

56.5086, 58.0325, 72.5130

Deuteranopia

59.4302, 58.0996, 76.4886



Tritanopia

53.1606, 58.6466, 77.6253

Trichromacy



Original Color

52.5367, 58.3710, 75.5156

Protanomaly

55.0011, 58.2753, 73.3151

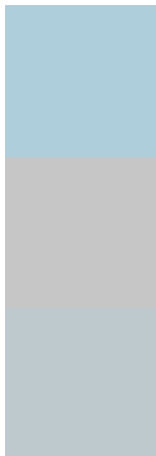
Deuteranomaly

56.6304, 58.0199, 75.9244

Tritanomaly

53.0269, 58.5932, 76.9214

Monochromacy



Original Color

52.5367, 58.3710, 75.5156

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.2624, 57.1767, 66.6215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5367, 58.3710, 75.5156 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(175, 206, 219)` looks like.

```
.text, #text, p{  
    color:rgb(175, 206, 219)  
}
```

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(175, 206, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 206, 219) }
```

Border

The CSS property to change the border of an element to XYZ 52.5367, 58.3710, 75.5156 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(175, 206, 219) }
```


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

```
.border{ border-color:rgb(175, 206, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 206, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 206, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 206, 219);  
box-shadow:4px 4px 4px 4px rgb(175, 206,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5367, 58.3710, 75.5156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 206, 219) }
```

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

```
.background{ background-color: rgb(175,  
206, 219) }
```

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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