

Converting Colors

XYZ(55.8250, 63.8188, 75.4105)

Have a look what the booklet for
XYZ(55.8250, 63.8188, 75.4105)
contains.

XYZ(55.8012, 63.7574, 75.6950)	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(55.8012, 63.7574,
75.6950)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D8DA
RGB	179, 216, 218
RGB Percent	70%, 85%, 85%
CMY	0.2980, 0.1529, 0.1451
CMYK	0.18, 0.01, 0.00, 0.15
HSL	183°, 35%, 78%
HSV	183°, 18%, 85%
XYZ	55.8012, 63.7574, 75.6950
YIQ	205.1650, -22.6940, -7.2220

Conversions

Conversions Part 2

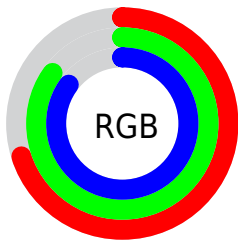
Format	Color
R _Y B	179, 198, 218
Decimal	11786458
CIE Lab	83.84, -11.67, -5.04
CIE LCh	84, 12.712, 203.342
Yxy	63.7574, 0.2858, 0.3265
Android (android.graphics.Color)	4289976538 (0xFFB3D8DA)
YUV	205.1650, 6.3277, -22.9467
Hunter-Lab	79.8482, -14.9913, -0.3123

Details

The XYZ color **55.8012, 63.7574, 75.6950** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.5746, 51.2080, 49.7096**, and the grayscale version is **58.1062, 61.1322, 66.5730**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **27.9599, 32.5697, 39.4633** is the 20% darker color. If you saturate the color by 10%, you get **50.8712, 60.7944, 75.3840**, and if you desaturate by 10%, it is **61.5334, 67.1402, 76.0468**.

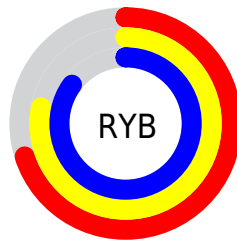
Distribution



Red (70%)

Green (85%)

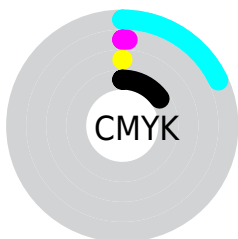
Blue (85%)



Red (70%)

Yellow (78%)

Blue (85%)

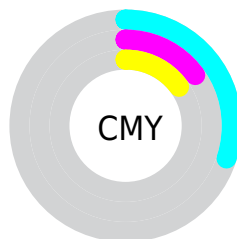


Cyan (18%)

Magenta (1%)

Yellow (0%)

Black (15%)



Cyan (30%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8012, 63.7574, 75.6950 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 55.8012, 63.7574, 75.6950 by changing the saturation by 10% instead.

■ 55.8012, 63.7574,
75.6950

■ 55.8012, 63.7574,
75.6950

399.0291,
438.3130, 499.6220

■ 40.2799, 46.4542,
55.6773

■ 97.8553, 110.2615,
129.0518

■ 27.9421, 32.6044,
39.5420

125.1189,
140.2312, 163.2280

■ 18.4222, 21.8236,
26.8706

157.0273,
175.1918, 202.9608

■ 11.3551, 13.7273,
17.2444

193.9459,
215.5278, 248.6686

■ 6.3752, 7.9313,
10.2451

236.2400,
261.6235, 300.7701

■ 3.1174, 4.0510,
5.4541

284.2750,

■ 1.2161, 1.7021,

313.8633, 359.6838

2.4527

338.4162,
372.6317, 425.8283

■ 0.1191, 0.4250,
0.8149

■ 0.0000, 0.0000,
0.0000

■ 55.8012, 63.7574,
75.6950

■ 55.8012, 63.7574,
75.6950

■ 50.8712, 60.7944,
75.3840

■ 61.5334, 67.1402,
76.0468

■ 46.7004, 58.2240,
75.1076

■ 68.0972, 70.9528,
76.4368

■ 43.2505, 56.0281,
74.8656

■ 75.5271, 75.2149,
76.8679

■ 40.4774, 54.1840,
74.6558

■ 79.6117, 77.7553,
77.1429

■ 38.3321, 52.6664,
74.4760

■ 79.9065, 78.3449,
77.2412

■ 36.7593, 51.4468,
74.3235

■ 80.2033, 78.9385,
77.3401

■ 35.6937, 50.4915,
74.1952

■ 80.5020, 79.5359,
77.4397

■ 35.0434, 49.7531,
74.0870

■ 80.8027, 80.1373,
77.5399

■ 34.9287, 49.6093,
74.0653

■ 81.1054, 80.7427,
77.6408

Harmonies

Analogous

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



55.4203, 63.7574, 67.6530



55.8012, 63.7574, 75.6950



57.4494, 63.7574, 82.5047

Triad

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



55.8012, 63.7574, 75.6950



65.0106, 63.7574, 79.0144



61.2243, 63.7574, 55.2376

Complementary

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



55.8012, 63.7574, 75.6950



53.5746, 51.2080, 49.7096

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.



63.8627, 63.7574, 57.7992



55.8012, 63.7574, 75.6950



66.0917, 63.7574, 71.2195

Square

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



55.8012, 63.7574, 75.6950



62.7523, 63.7574, 84.5216



65.6653, 63.7574, 63.5036



58.4965, 63.7574, 56.2353

Rectangle

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



55.8012, 63.7574, 75.6950



59.0730, 63.7574, 85.2229



65.6653, 63.7574, 63.5036



62.1520, 63.7574, 55.7041

Sweetspot

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



55.8031, 63.7600, 75.6964



90.3059, 97.2457, 108.6184



51.9984, 63.0618, 53.1220



19.1917, 20.7345, 23.2406



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.



55.8031, 63.7600, 75.6964



77.1500, 89.4828, 107.8134



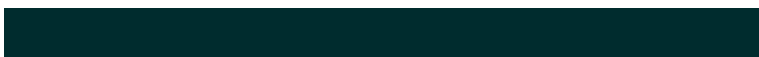
51.1107, 54.3754, 74.1323



13.3848, 14.7093, 16.7859



20.9504, 29.7703, 44.3804



1.3752, 1.9645, 2.8811

Inverse Universe

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



57.4297, 52.1049, 71.9991



79.8433, 70.2880, 101.6686



57.8099, 59.6786, 51.1214



13.5841, 13.2627, 16.3370



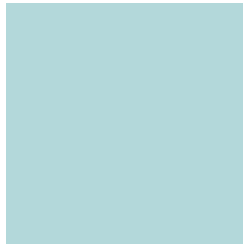
24.0701, 11.6291, 36.3450



1.5684, 0.7570, 2.4022

Previews

White Background



This preview shows how the XYZ color 55.8012, 63.7574, 75.6950 looks on a white background.

Color Contrast Check

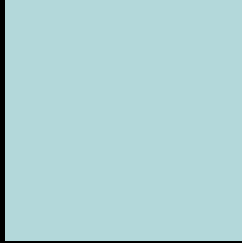
Large Text (above 18pt) WCAG AA × Fail

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 55.8012, 63.7574, 75.6950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

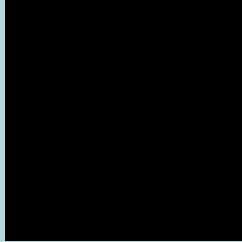
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8012, 63.7574, 75.6950

Background



This preview shows how black text looks on a background with the XYZ color 55.8012, 63.7574, 75.6950.



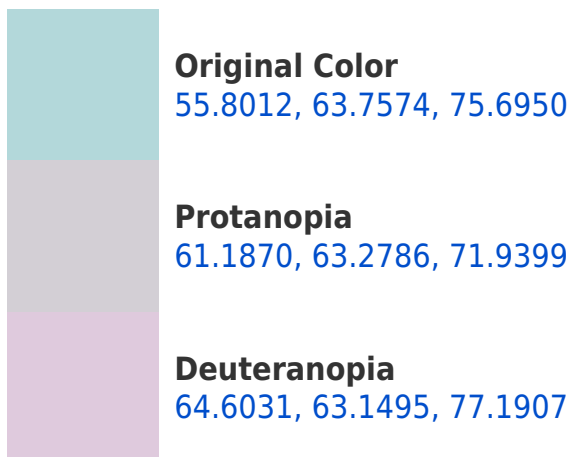
This preview shows how white text looks on a background with the XYZ color 55.8012, 63.7574,

75.6950.

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

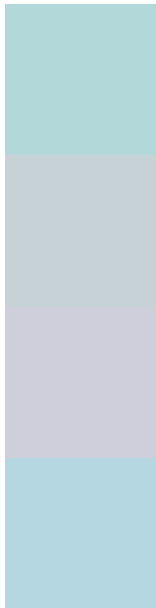




Tritanopia

57.7618, 63.8077, 84.8731

Trichromacy



Original Color

55.8012, 63.7574, 75.6950

Protanomaly

58.8655, 63.1416, 73.3750

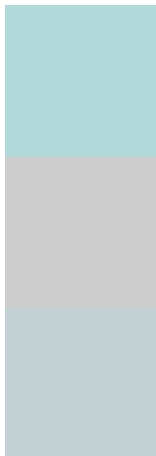
Deuteranomaly

60.9632, 63.0584, 76.6685

Tritanomaly

57.0840, 63.9156, 81.2798

Monochromacy



Original Color

55.8012, 63.7574, 75.6950

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.1983, 61.9898, 69.9233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8012, 63.7574, 75.6950 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(179, 216, 218)` looks like.

```
.text, #text, p{  
    color:rgb(179, 216, 218)  
}
```

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(179, 216, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 216, 218) }
```

Border

The CSS property to change the border of an element to XYZ 55.8012, 63.7574, 75.6950 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(179, 216, 218) }
```


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

```
.border{ border-color:rgb(179, 216, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 216, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 216, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 216, 218);  
box-shadow:4px 4px 4px 4px rgb(179, 216,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8012, 63.7574, 75.6950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 216, 218) }
```

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

```
.background{ background-color: rgb(179,  
216, 218) }
```

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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