

Converting Colors

XYZ(55.7668, 63.3023, 56.0973)

Have a look what the booklet for
XYZ(55.7668, 63.3023, 56.0973)
contains.

XYZ(55.7812, 63.4168, 56.3144)	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(55.7812, 63.4168,
56.3144)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D6BB
RGB	196, 214, 187
RGB Percent	77%, 84%, 73%
CMY	0.2314, 0.1608, 0.2667
CMYK	0.08, 0.00, 0.13, 0.16
HSL	100°, 25%, 79%
HSV	100°, 13%, 84%
XYZ	55.7812, 63.4168, 56.3144
YIQ	205.5400, -2.0610, -12.2130

Conversions

Conversions Part 2

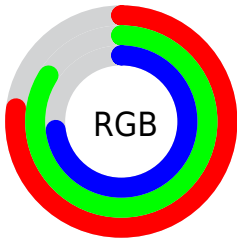
Format	Color
RYB	187, 214, 205
Decimal	12900027
CIELab	83.66, -10.95, 11.29
CIELCh	84, 15.731, 134.136
Yxy	63.4168, 0.3178, 0.3613
Android (android.graphics.Color)	4291090107 (0xFFC4D6BB)
YUV	205.5400, -9.1402, -8.3666
Hunter-Lab	79.6347, -14.3279, 13.8168

Details

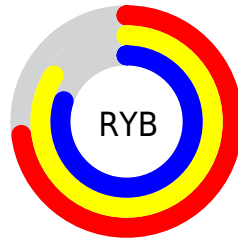
The XYZ color **55.7812, 63.4168, 56.3144** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.0873, 53.3766, 71.0210**, and the grayscale version is **58.4312, 61.4742, 66.9454**.

A 20% lighter version of the original color is **92.4457, 98.8737, 99.0061**, and **27.8565, 32.2683, 27.3145** is the 20% darker color. If you saturate the color by 10%, you get **50.1226, 60.7468, 44.9685**, and if you desaturate by 10%, it is **62.1377, 66.4108, 69.4778**.

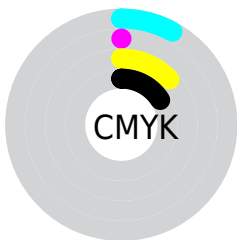
Distribution



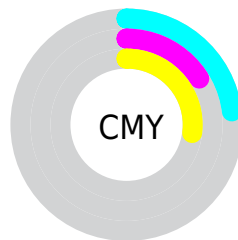
- Red (77%)
- Green (84%)
- Blue (73%)



- Red (73%)
- Yellow (84%)
- Blue (80%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (16%)



- Cyan (23%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7812, 63.4168, 56.3144 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 55.7812, 63.4168, 56.3144 by changing the saturation by 10% instead.

■ 55.7812, 63.4168,
56.3144

■ 55.7812, 63.4168,
56.3144

398.9548,
437.0806, 428.2968

■ 40.2638, 46.1785,
40.0494

■ 97.8263, 109.7706,
100.9545

■ 27.9294, 32.3867,
27.2630

125.0847,
139.6549, 130.1666

■ 18.4127, 21.6570,
17.5366

156.9875,
174.5233, 164.5316

■ 11.3481, 13.6051,
10.4518

193.9000,
214.7601, 204.4678

■ 6.3705, 7.8465,
5.5901

236.1877,
260.7499, 250.3939

■ 3.1145, 3.9969,
2.5327

284.2158,

■ 1.2146, 1.6718,

312.8770, 302.7284

0.8574

338.3497,
371.5257, 361.8899

■ 0.1178, 0.4053,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7812, 63.4168,
56.3144

■ 55.7812, 63.4168,
56.3144

■ 50.1226, 60.7468,
44.9685

■ 62.1377, 66.4108,
69.4778

■ 45.1319, 58.3816,
35.3561

■ 69.2105, 69.7311,
84.5294

■ 40.7845, 56.3122,
27.3931

■ 77.0236, 73.3905,
101.5410

■ 37.0519, 54.5259,
20.9866

■ 82.6329, 76.2123,
104.9630

■ 33.9036, 53.0093,
16.0342

■ 83.3378, 76.5757,
104.9959

■ 31.3061, 51.7475,
12.4216

■ 29.2217, 50.7240,
10.0172

■ 27.6069, 49.9198,
8.6628

■ 26.6701, 49.4475,
8.1387

Harmonies

Analogous

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



58.6730, 63.4168, 52.2445



55.7812, 63.4168, 56.3144



54.1279, 63.4168, 63.9948

Triad

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



55.7812, 63.4168, 56.3144



58.4837, 63.4168, 88.9456



66.9277, 63.4168, 64.5214

Complementary

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



55.7812, 63.4168, 56.3144



55.0873, 53.3766, 71.0210

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.



66.8723, 63.4168, 74.3649



55.7812, 63.4168, 56.3144



61.9075, 63.4168, 89.1209

Square

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



55.7812, 63.4168, 56.3144



55.6472, 63.4168, 83.1159



65.0055, 63.4168, 83.5743



65.1541, 63.4168, 56.6681

Rectangle

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



55.7812, 63.4168, 56.3144



53.9095, 63.4168, 70.4270



65.0055, 63.4168, 83.5743



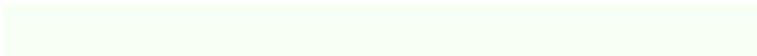
67.1244, 63.4168, 67.6913

Sweetspot

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



55.7829, 63.4195, 56.3158



90.9930, 98.0933, 100.3643



58.5351, 61.5493, 55.8097



19.3171, 20.9212, 21.1494



0.0000, 0.0000, 0.0000



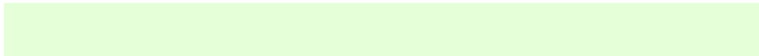
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7829, 63.4195, 56.3158



80.7240, 93.2568, 79.2210



54.0011, 62.4444, 58.7873



12.6485, 14.0950, 13.2147



16.2185, 29.9373, 4.9237



1.0648, 1.8503, 0.3010

Inverse Universe

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



55.0873, 53.3766, 71.0210



79.5031, 75.6388, 105.0172



57.0749, 54.4667, 68.1545



12.5322, 12.4158, 15.6735



14.2641, 6.5059, 38.9571



0.9464, 0.4368, 2.3537

Previews

White Background



This preview shows how the XYZ color 55.7812, 63.4168, 56.3144 looks on a white background.

Color Contrast Check

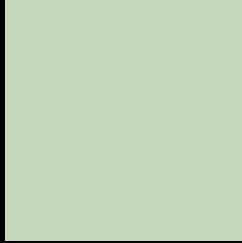
Large Text (above 18pt) WCAG AA × Fail

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 55.7812, 63.4168, 56.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

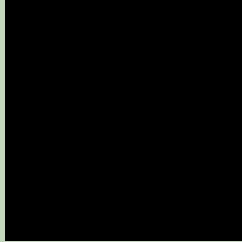
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7812, 63.4168, 56.3144

Background



This preview shows how black text looks on a background with the XYZ color 55.7812, 63.4168, 56.3144.



This preview shows how white text looks on a background with the XYZ color 55.7812, 63.4168,

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

55.7812, 63.4168, 56.3144

Protanopia

60.1210, 63.4779, 54.4311

Deuteranopia

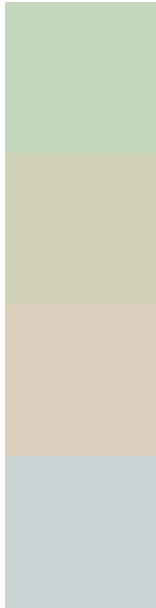
64.4419, 63.1532, 57.5085



Tritanopia

60.7482, 63.5937, 80.3072

Trichromacy



Original Color

55.7812, 63.4168, 56.3144

Protanomaly

58.3819, 63.2976, 55.0395

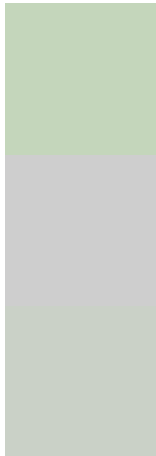
Deuteranomaly

61.0754, 63.1889, 57.1218

Tritanomaly

58.8716, 63.5710, 70.7956

Monochromacy



Original Color

55.7812, 63.4168, 56.3144

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.4664, 62.2810, 63.0255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7812, 63.4168, 56.3144 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(196, 214, 187)` looks like.

```
.text, #text, p{  
    color:rgb(196, 214, 187)  
}
```

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(196, 214, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 214, 187) }
```

Border

The CSS property to change the border of an element to XYZ 55.7812, 63.4168, 56.3144 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(196, 214, 187) }
```


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

```
.border{ border-color:rgb(196, 214, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 214, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 214, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 214, 187);  
box-shadow:4px 4px 4px 4px rgb(196, 214,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7812, 63.4168, 56.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 214, 187) }
```

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

```
.background{ background-color: rgb(196,  
214, 187) }
```

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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