

Converting Colors

XYZ(55.5475, 63.5348, 49.0758)

Have a look what the booklet for
XYZ(55.5475, 63.5348, 49.0758)
contains.

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Color

**XYZ(55.4088, 63.3896,
48.8502)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D6AD
RGB	200, 214, 173
RGB Percent	78%, 84%, 68%
CMY	0.2157, 0.1608, 0.3216
CMYK	0.07, 0.00, 0.19, 0.16
HSL	80°, 33%, 76%
HSV	80°, 19%, 84%
XYZ	55.4088, 63.3896, 48.8502
YIQ	205.1400, 4.8170, -15.7190

Conversions

Conversions Part 2

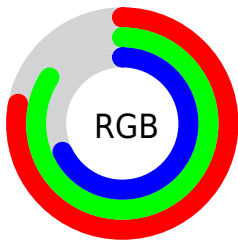
Format	Color
RYB	173, 214, 187
Decimal	13162157
CIELab	83.65, -11.83, 18.70
CIElCh	84, 22.123, 122.315
Yxy	63.3896, 0.3305, 0.3781
Android (android.graphics.Color)	4291352237 (0xFFC8D6AD)
YUV	205.1400, -15.8450, -4.5078
Hunter-Lab	79.6176, -15.1061, 19.3543

Details

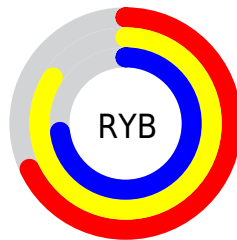
The XYZ color **55.4088, 63.3896, 48.8502** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.5772, 45.3087, 69.8596**, and the grayscale version is **58.2144, 61.2460, 66.6969**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **27.7034, 32.2877, 22.8612** is the 20% darker color. If you saturate the color by 10%, you get **51.5965, 61.6466, 38.7144**, and if you desaturate by 10%, it is **59.6495, 65.3189, 60.7401**.

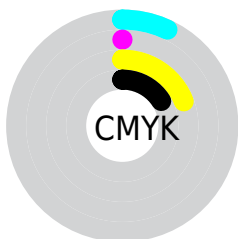
Distribution



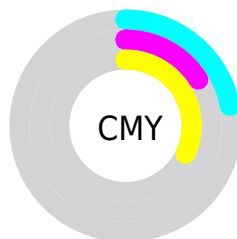
- Red (78%)
- Green (84%)
- Blue (68%)



- Red (68%)
- Yellow (84%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (19%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4088, 63.3896, 48.8502 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 55.4088, 63.3896, 48.8502 by changing the saturation by 10% instead.

■ 55.4088, 63.3896,
48.8502

■ 55.4088, 63.3896,
48.8502

397.5709,
436.9820, 398.7578

■ 39.9643, 46.1565,
34.1359

■ 97.2845, 109.7314,
89.8476

■ 27.6948, 32.3693,
22.7198

124.4463,
139.6088, 116.9678

■ 18.2350, 21.6437,
14.1834

156.2447,
174.4698, 149.0604

■ 11.2195, 13.5954,
8.1081

193.0448,
214.6988, 186.5439

■ 6.2831, 7.8398,
4.0755

235.2122,
260.6801, 229.8368

■ 3.0602, 3.9926,
1.6668

283.1121,

■ 1.1857, 1.6694,

312.7981, 279.3577

0.3379

337.1099,
371.4373, 335.5252

■ 0.0950, 0.4037,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4088, 63.3896,
48.8502

■ 55.4088, 63.3896,
48.8502

■ 51.5965, 61.6466,
38.7144

■ 59.6495, 65.3189,
60.7401

■ 48.1906, 60.0747,
30.2455

■ 64.3296, 67.4328,
74.4575

■ 45.1744, 58.6692,
23.3550

■ 69.4659, 69.7403,
90.0765

■ 42.5278, 57.4219,
17.9448

■ 74.4867, 72.0128,
104.5817

■ 40.2288, 56.3237,
13.9054

■ 76.8717, 73.2423,
104.6933

■ 38.2524, 55.3646,
11.1126

■ 79.3560, 74.5230,
104.8096

■ 36.5692, 54.5326,
9.4195

■ 81.9409, 75.8555,
104.9306

■ 35.1322, 53.8087,
8.5861

■ 83.3379, 76.5757,
104.9960

■ 35.0177, 53.7509,
8.5293

Harmonies

Analogous

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



59.8746, 63.3896, 45.6599



55.4088, 63.3896, 48.8502



52.3761, 63.3896, 57.3589

Triad

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



55.4088, 63.3896, 48.8502



56.0271, 63.3896, 95.4257



70.0393, 63.3896, 67.9490

Complementary

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



55.4088, 63.3896, 48.8502



47.5772, 45.3087, 69.8596

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.



68.8758, 63.3896, 82.1643



55.4088, 63.3896, 48.8502



60.6268, 63.3896, 99.2367

Square

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



55.4088, 63.3896, 48.8502



52.7194, 63.3896, 84.2776



65.3651, 63.3896, 94.0953



68.4655, 63.3896, 55.7257

Rectangle

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



55.4088, 63.3896, 48.8502



51.4865, 63.3896, 65.5160



65.3651, 63.3896, 94.0953



69.9553, 63.3896, 72.6478

Sweetspot

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



55.4105, 63.3924, 48.8516



90.7872, 98.0758, 96.3501



52.9763, 52.7147, 46.9189



19.3360, 20.9488, 20.3436



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.



55.4105, 63.3924, 48.8516



80.0143, 93.1783, 66.2017



50.3750, 60.7965, 48.6159



13.0418, 14.2978, 13.2331



21.2802, 32.5467, 5.1606



1.3706, 2.0079, 0.3153

Inverse Universe

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



47.5772, 45.3087, 69.8596



66.3007, 61.5150, 102.9869



52.8621, 48.0332, 70.1069



12.1385, 12.2128, 15.6551



9.1019, 3.8447, 38.7155



0.6363, 0.2769, 2.3392

Previews

White Background



This preview shows how the XYZ color 55.4088, 63.3896, 48.8502 looks on a white background.

Color Contrast Check

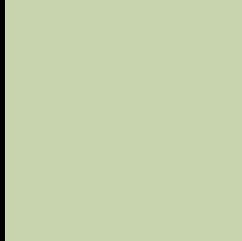
Large Text (above 18pt) WCAG AA × Fail

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 55.4088, 63.3896, 48.8502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

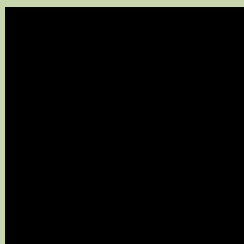
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

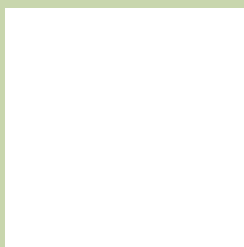
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4088, 63.3896, 48.8502

Background



This preview shows how black text looks on a background with the XYZ color 55.4088, 63.3896, 48.8502.



This preview shows how white text looks on a background with the XYZ color 55.4088, 63.3896,

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

55.4088, 63.3896, 48.8502

Protanopia

59.3268, 63.2297, 47.1079

Deuteranopia

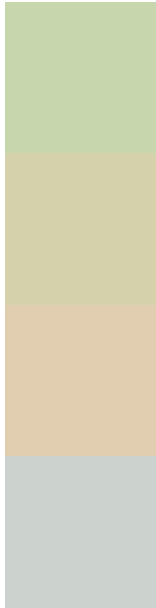
64.4259, 62.9684, 49.8328



Tritanopia

61.3642, 63.2188, 78.7802

Trichromacy



Original Color

55.4088, 63.3896, 48.8502

Protanomaly

57.8379, 63.1796, 47.6746

Deuteranomaly

60.6205, 62.7653, 49.4773

Tritanomaly

58.9679, 63.3383, 66.8752

Monochromacy



Original Color

55.4088, 63.3896, 48.8502

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.8101, 61.6585, 59.3591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4088, 63.3896, 48.8502 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(200, 214, 173)` looks like.

```
.text, #text, p{  
    color:rgb(200, 214, 173)  
}
```

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(200, 214, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 214, 173) }
```

Border

The CSS property to change the border of an element to XYZ 55.4088, 63.3896, 48.8502 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(200, 214, 173) }
```


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

```
.border{ border-color:rgb(200, 214, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 214, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 214, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 214, 173);  
box-shadow:4px 4px 4px 4px rgb(200, 214,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4088, 63.3896, 48.8502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 214, 173) }
```

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

```
.background{ background-color: rgb(200,  
214, 173) }
```

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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