

Converting Colors

XYZ(55.8125, 63.4709, 35.7392)

Have a look what the booklet for
XYZ(55.8125, 63.4709, 35.7392)
contains.

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Color

**XYZ(55.6923, 63.4510,
35.6975)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D590
RGB	211, 213, 144
RGB Percent	83%, 84%, 56%
CMY	0.1725, 0.1647, 0.4353
CMYK	0.01, 0.00, 0.32, 0.16
HSL	62°, 45%, 70%
HSV	62°, 32%, 84%
XYZ	55.6923, 63.4510, 35.6975
YIQ	204.5360, 20.9570, -21.8830

Conversions

Conversions Part 2

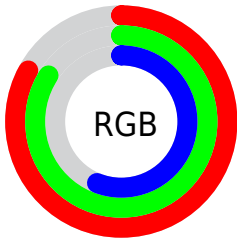
Format	Color
RYB	144, 213, 146
Decimal	13882768
CIELab	83.68, -11.25, 33.95
CIElCh	84, 35.769, 108.338
Yxy	63.4510, 0.3597, 0.4098
Android (android.graphics.Color)	4292072848 (0xFFD3D590)
YUV	204.5360, -29.8442, 5.6689
Hunter-Lab	79.6561, -14.5984, 29.1888

Details

The XYZ color **55.6923, 63.4510, 35.6975** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.8398, 30.8632, 67.1281**, and the grayscale version is **57.9091, 60.9249, 66.3472**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **27.7202, 32.2126, 15.1126** is the 20% darker color. If you saturate the color by 10%, you get **54.0392, 62.7715, 27.9090**, and if you desaturate by 10%, it is **57.6565, 64.2594, 45.1064**.

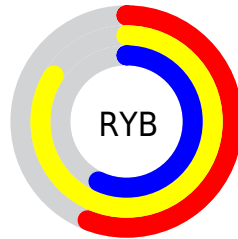
Distribution



Red (83%)

Green (84%)

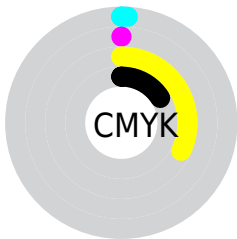
Blue (56%)



Red (56%)

Yellow (84%)

Blue (57%)

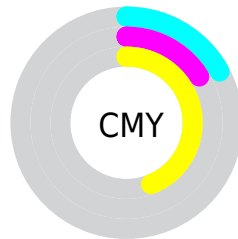


Cyan (1%)

Magenta (0%)

Yellow (32%)

Black (16%)



Cyan (17%)


Magenta (16%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6923, 63.4510, 35.6975 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 55.6923, 63.4510, 35.6975 by changing the saturation by 10% instead.


 55.6923, 63.4510,
35.6975


 55.6923, 63.4510,
35.6975


398.6247,
437.2044, 342.6338

 40.1923, 46.2062,
23.9128


 97.6970, 109.8199,
69.7287

 27.8734, 32.4085,
15.0574


 124.9324,
139.7128, 92.8123

 18.3702, 21.6737,
8.7126


156.8102,
174.5904, 120.4992

 11.3174, 13.6174,
4.4599

193.6960,
214.8373, 153.2081

 6.3496, 7.8550,
1.8809

235.9550,
260.8377, 191.3575

 3.1015, 4.0023,
0.4805

283.9525,

 1.2077, 1.6749,

312.9761, 235.3659

0.0000

338.0540,
371.6369, 285.6518

■ 0.1124, 0.4073,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6923, 63.4510,
35.6975

■ 55.6923, 63.4510,
35.6975

■ 54.0392, 62.7715,
27.9090

■ 57.6565, 64.2594,
45.1064

■ 52.6750, 62.2055,
21.6458


■ 59.9429, 65.1946,
56.2158


■ 51.5824, 61.7482,
16.8088


■ 62.5681, 66.2654,
69.1052


■ 50.7400, 61.3910,
13.2859


■ 65.5459, 67.4772,
83.8481


 50.1233, 61.1242,
10.9480


 68.8895, 68.8355,
100.5138


 49.7029, 60.9360,
9.6402

 69.7860, 69.2151,
104.2895

 49.4764, 60.8301,
9.1337

 69.9678, 69.3088,
104.2980

 70.1503, 69.4029,
104.3065

 70.3335, 69.4973,
104.3151

Harmonies

Analogous

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



63.4043, 63.4510, 34.8667



55.6923, 63.4510, 35.6975



49.7409, 63.4510, 44.1969

Triad

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



55.6923, 63.4510, 35.6975



50.8398, 63.4510, 106.5852



76.2950, 63.4510, 78.1787

Complementary

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



55.6923, 63.4510, 35.6975



33.8398, 30.8632, 67.1281

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.



72.2754, 63.4510, 101.9120



55.6923, 63.4510, 35.6975



57.3147, 63.4510, 120.5305

Square

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



55.6923, 63.4510, 35.6975



47.1110, 63.4510, 83.5677



65.1725, 63.4510, 118.6559



75.7652, 63.4510, 56.3845

Rectangle

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



55.6923, 63.4510, 35.6975



47.3649, 63.4510, 54.3563



65.1725, 63.4510, 118.6559



75.4179, 63.4510, 86.2650

Sweetspot

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



55.6939, 63.4539, 35.6988



90.9407, 98.3249, 88.6808



42.6250, 36.4580, 31.1769



19.3505, 20.9988, 18.4210



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.



55.6939, 63.4539, 35.6988



81.9075, 94.6211, 45.1998



47.0420, 58.9936, 35.2939



13.4355, 14.5007, 13.2515



30.2365, 37.1638, 5.5797



1.8352, 2.2475, 0.3371

Inverse Universe

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



33.8398, 30.8632, 67.1281



44.0503, 38.1600, 99.6516



40.7264, 34.4133, 67.4503



11.7756, 12.0257, 15.6381



7.3985, 2.9666, 38.6358



0.4583, 0.1851, 2.3309

Previews

White Background



This preview shows how the XYZ color 55.6923, 63.4510, 35.6975 looks on a white background.

Color Contrast Check

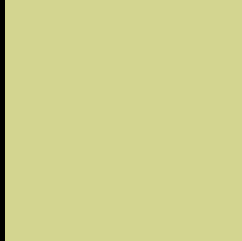
Large Text (above 18pt) WCAG AA × Fail

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 55.6923, 63.4510, 35.6975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

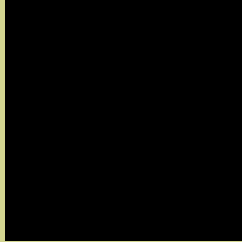
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

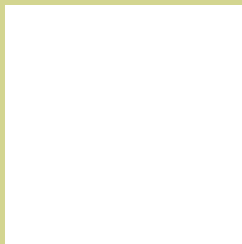
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6923, 63.4510, 35.6975

Background



This preview shows how black text looks on a background with the XYZ color 55.6923, 63.4510, 35.6975.



This preview shows how white text looks on a background with the XYZ color 55.6923, 63.4510,

35.6975.

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

55.6923, 63.4510, 35.6975

Protanopia

58.8024, 63.2335, 34.6973

Deuteranopia

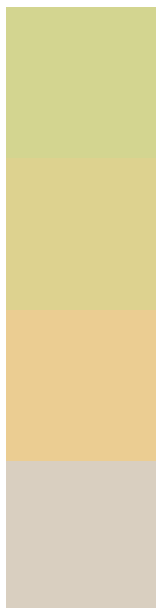
64.6321, 63.3716, 36.4292



Tritanopia

64.0263, 63.5687, 76.6056

Trichromacy



Original Color

55.6923, 63.4510, 35.6975

Protanomaly

57.8233, 63.4485, 35.1858

Deuteranomaly

61.2806, 63.4001, 36.2017

Tritanomaly

60.4425, 63.1831, 58.8791

Monochromacy



Original Color

55.6923, 63.4510, 35.6975

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.8352, 61.7960, 53.7320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6923, 63.4510, 35.6975 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(211, 213, 144)` looks like.

```
.text, #text, p{  
    color:rgb(211, 213, 144)  
}
```

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(211, 213, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 213, 144) }
```

Border

The CSS property to change the border of an element to XYZ 55.6923, 63.4510, 35.6975 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(211, 213, 144) }
```


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

```
.border{ border-color:rgb(211, 213, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 213, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 213, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 213, 144);  
box-shadow:4px 4px 4px 4px rgb(211, 213,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6923, 63.4510, 35.6975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 213, 144) }
```

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

```
.background{ background-color: rgb(211,  
213, 144) }
```

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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