

Converting Colors

XYZ(55.6118, 67.7451, 43.8275)

Have a look what the booklet for
XYZ(55.6118, 67.7451, 43.8275)
contains.

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Color

**XYZ(55.6064, 67.8930,
43.8921)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E1A1
RGB	194, 225, 161
RGB Percent	76%, 88%, 63%
CMY	0.2392, 0.1176, 0.3686
CMYK	0.14, 0.00, 0.28, 0.12
HSL	89°, 52%, 76%
HSV	89°, 28%, 88%
XYZ	55.6064, 67.8930, 43.8921
YIQ	208.4350, 2.0680, -26.4760

Conversions

Conversions Part 2

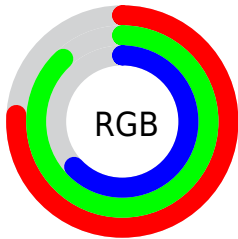
Format	Color
RYB	161, 225, 192
Decimal	12771745
CIELab	85.95, -21.27, 28.04
CIELCh	86, 35.193, 127.184
Yxy	67.8930, 0.3322, 0.4056
Android (android.graphics.Color)	4290961825 (0xFFC2E1A1)
YUV	208.4350, -23.3855, -12.6595
Hunter-Lab	82.3972, -23.7330, 26.0949

Details

The XYZ color **55.6064, 67.8930, 43.8921** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.0765, 42.1343, 76.8367**, and the grayscale version is **60.3844, 63.5291, 69.1832**.

A 20% lighter version of the original color is **87.9383, 96.9871, 79.0513**, and **27.9503, 35.4290, 19.8333** is the 20% darker color. If you saturate the color by 10%, you get **51.1029, 65.7825, 34.2395**, and if you desaturate by 10%, it is **60.6757, 70.2581, 55.4378**.

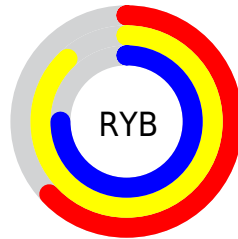
Distribution



Red (76%)

Green (88%)

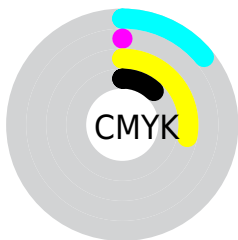
Blue (63%)



Red (63%)

Yellow (88%)

Blue (75%)

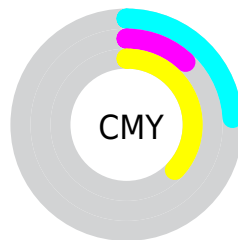


Cyan (14%)

Magenta (0%)

Yellow (28%)

Black (12%)



Cyan (24%)

Magenta (12%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6064, 67.8930, 43.8921 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 55.6064, 67.8930, 43.8921 by changing the saturation by 10% instead.

■ 55.6064, 67.8930,
43.8921

■ 55.6064, 67.8930,
43.8921

398.3056,
453.1168, 378.2962

■ 40.1232, 49.8107,
30.2491

■ 97.5720, 116.1991,
82.3561

■ 27.8192, 35.2630,
19.7741

■ 124.7851,
147.1916, 108.0142

■ 18.3292, 23.8655,
12.0485

156.6389,
183.2563, 138.5144

■ 11.2877, 15.2339,
6.6538

193.4988,
224.7777, 174.2753

■ 6.3294, 8.9837,
3.1714

235.7300,
272.1400, 215.7154

■ 3.0890, 4.7306,
1.1828

283.6980,

■ 1.2010, 2.0901,

325.7277, 263.2532

0.0000

337.7681,
385.9252, 317.3073

0.1071, 0.6590,
0.0000

0.0000, 0.0000,
0.0000

55.6064, 67.8930,
43.8921

55.6064, 67.8930,
43.8921

51.1029, 65.7825,
34.2395

60.6757, 70.2581,
55.4378

47.1365, 63.9077,
26.3744

66.3275, 72.8782,
68.9656

43.6834, 62.2609,
20.1877

72.5843, 75.7649,
84.5644

40.7157, 60.8304,
15.5567

79.4655, 78.9265,
102.3163

■ 38.2020, 59.6031,
12.3418

■ 83.8654, 81.1211,
105.8455

■ 36.1060, 58.5639,
10.3782

■ 86.2166, 82.3333,
105.9555

■ 34.3767, 57.6917,
9.4242

■ 34.1301, 57.5668,
9.3127

Harmonies

Analogous

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



62.6107, 67.8930, 38.0425



55.6064, 67.8930, 43.8921



51.2686, 67.8930, 58.0086

Triad

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



55.6064, 67.8930, 43.8921



58.7032, 67.8930, 122.8686



81.1667, 67.8930, 68.5090

Complementary

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



55.6064, 67.8930, 43.8921



48.0765, 42.1343, 76.8367

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.



79.9017, 67.8930, 92.5127



55.6064, 67.8930, 43.8921



66.4886, 67.8930, 127.3066

Square

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



55.6064, 67.8930, 43.8921



52.9499, 67.8930, 104.1372



74.3612, 67.8930, 115.2407



77.6868, 67.8930, 50.2049

Rectangle

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



55.6064, 67.8930, 43.8921



50.2509, 67.8930, 71.7641



74.3612, 67.8930, 115.2407



81.2868, 67.8930, 76.1267

Sweetspot

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



55.6081, 67.8960, 43.8936



87.6001, 96.5611, 90.4023



56.3220, 56.2533, 41.6087



18.5056, 20.5549, 18.7555



0.0000, 0.0000, 0.0000



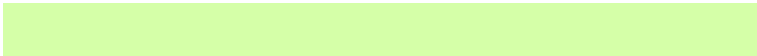
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6081, 67.8960, 43.8936



70.2966, 88.5046, 50.5706



48.2741, 64.1151, 43.5503



14.1994, 15.6830, 14.5855



19.8020, 33.2408, 5.3724



1.4759, 2.3573, 0.3772

Inverse Universe

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



48.0765, 42.1343, 76.8367



58.7718, 49.0818, 100.9839



57.0580, 46.7645, 77.2571



13.5808, 13.5675, 17.2907



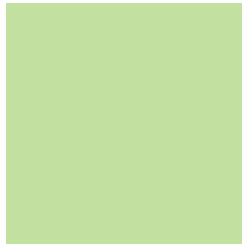
11.5991, 5.0749, 41.4166



0.9071, 0.4049, 2.8756

Previews

White Background



This preview shows how the XYZ color 55.6064, 67.8930, 43.8921 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 55.6064, 67.8930, 43.8921 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

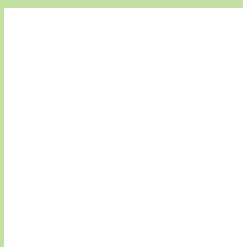
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6064, 67.8930, 43.8921

Background



This preview shows how black text looks on a background with the XYZ color 55.6064, 67.8930, 43.8921.



This preview shows how white text looks on a background with the XYZ color 55.6064, 67.8930,

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

55.6064, 67.8930, 43.8921

Protanopia

63.0023, 67.4824, 41.1573

Deuteranopia

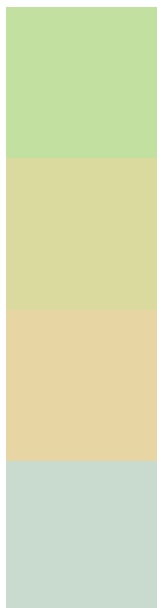
69.0077, 67.5547, 44.9996



Tritanopia

64.4407, 67.9741, 86.8147

Trichromacy



Original Color

55.6064, 67.8930, 43.8921

Protanomaly

60.1564, 67.5169, 42.2092

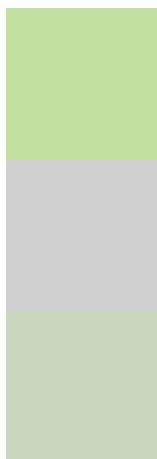
Deuteranomaly

63.4501, 67.2578, 44.7598

Tritanomaly

60.6814, 67.5855, 68.8785

Monochromacy



Original Color

55.6064, 67.8930, 43.8921

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.0791, 64.5512, 58.6888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6064, 67.8930, 43.8921 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(194, 225, 161)` looks like.

```
.text, #text, p{  
    color:rgb(194, 225, 161)  
}
```

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(194, 225, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 225, 161) }
```

Border

The CSS property to change the border of an element to XYZ 55.6064, 67.8930, 43.8921 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(194, 225, 161) }
```


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

```
.border{ border-color:rgb(194, 225, 161) }
```

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

Here you see how a box with a 4 pixel rgb(194, 225, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 225, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 225, 161);  
box-shadow:4px 4px 4px 4px rgb(194, 225,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6064, 67.8930, 43.8921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 225, 161) }
```

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

```
.background{ background-color: rgb(194,  
225, 161) }
```

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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