

Converting Colors

XYZ(56.0117, 68.9314, 43.1547)

Have a look what the booklet for
XYZ(56.0117, 68.9314, 43.1547)
contains.

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Color

**XYZ(55.9752, 68.9107,
43.1518)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E39F
RGB	194, 227, 159
RGB Percent	76%, 89%, 62%
CMY	0.2392, 0.1098, 0.3765
CMYK	0.15, 0.00, 0.30, 0.11
HSL	89°, 55%, 76%
HSV	89°, 30%, 89%
XYZ	55.9752, 68.9107, 43.1518
YIQ	209.3810, 2.1600, -28.1440

Conversions

Conversions Part 2

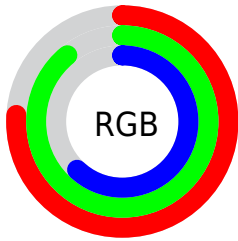
Format	Color
RYB	159, 227, 192
Decimal	12772255
CIELab	86.46, -22.53, 29.75
CIElCh	86, 37.318, 127.142
Yxy	68.9107, 0.3331, 0.4101
Android (android.graphics.Color)	4290962335 (0xFFC2E39F)
YUV	209.3810, -24.8378, -13.4891
Hunter-Lab	83.0125, -24.9095, 27.2884

Details

The XYZ color **55.9752, 68.9107, 43.1518** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.0044, 41.5508, 78.1668**, and the grayscale version is **61.0110, 64.1883, 69.9011**.

A 20% lighter version of the original color is **87.6813, 96.8843, 77.6976**, and **28.2216, 36.1420, 19.3986** is the 20% darker color. If you saturate the color by 10%, you get **51.4603, 66.7924, 33.5851**, and if you desaturate by 10%, it is **61.0651, 71.2878, 54.6365**.

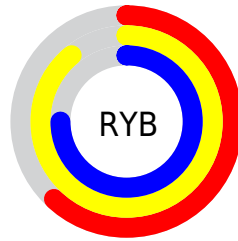
Distribution



Red (76%)

Green (89%)

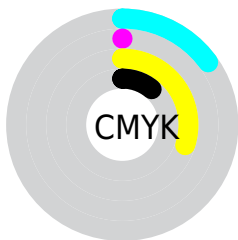
Blue (62%)



Red (62%)

Yellow (89%)

Blue (75%)

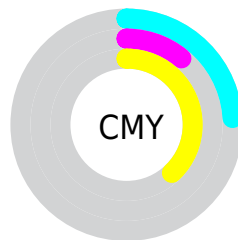


Cyan (15%)

Magenta (0%)

Yellow (30%)

Black (11%)



Cyan (24%)

Magenta (11%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9752, 68.9107, 43.1518 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 55.9752, 68.9107, 43.1518 by changing the saturation by 10% instead.

■ 55.9752, 68.9107,
43.1518

■ 55.9752, 68.9107,
43.1518

399.6746,
456.7160, 375.1752

■ 40.4200, 50.6390,
29.6720

■ 98.1083, 117.6540,
81.2287

■ 28.0518, 35.9214,
19.3398

■ 125.4169,
148.8944, 106.6628

■ 18.5054, 24.3735,
11.7368

157.3741,
185.2265, 136.9188

■ 11.4153, 15.6109,
6.4443

194.3450,
227.0347, 172.4152

■ 6.4162, 9.2492,
3.0440

236.6952,
274.7033, 213.5704

■ 3.1428, 4.9041,
1.1171

284.7900,

■ 1.2297, 2.1911,

328.6168, 260.8032

0.0000

338.9946,
389.1595, 314.5319

0.1297, 0.7151,
0.0000

0.0000, 0.0000,
0.0000

55.9752, 68.9107,
43.1518

55.9752, 68.9107,
43.1518

51.4603, 66.7924,
33.5851

61.0651, 71.2878,
54.6365

47.4908, 64.9136,
25.8274

66.7475, 73.9244,
68.1316

44.0420, 63.2663,
19.7654

73.0453, 76.8323,
83.7284

41.0849, 61.8383,
15.2715

79.9788, 80.0203,
101.5118

■ 38.5867, 60.6158,
12.1996

■ 84.6189, 82.3170,
106.0366

■ 36.5095, 59.5832,
10.3765

■ 86.7605, 83.4210,
106.1368

■ 34.7907, 58.7147,
9.5022

■ 34.7838, 58.7112,
9.4991

Harmonies

Analogous

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



63.4548, 68.9107, 37.0486



55.9752, 68.9107, 43.1518



51.3582, 68.9107, 58.0353

Triad

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



55.9752, 68.9107, 43.1518



59.2574, 68.9107, 127.9321



83.3921, 68.9107, 69.2738

Complementary

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



55.9752, 68.9107, 43.1518



48.0044, 41.5508, 78.1668

Split Complementary

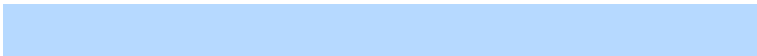
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0194, 68.9107, 95.0602



55.9752, 68.9107, 43.1518



67.5837, 68.9107, 132.7951

Square

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



55.9752, 68.9107, 43.1518



53.1337, 68.9107, 107.5611



76.0429, 68.9107, 119.6782



79.6444, 68.9107, 49.8272

Rectangle

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



55.9752, 68.9107, 43.1518



50.2748, 68.9107, 72.6862



76.0429, 68.9107, 119.6782



83.5193, 68.9107, 77.4278

Sweetspot

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



55.9770, 68.9137, 43.1533



87.5927, 96.5573, 90.4020



56.7596, 56.4774, 40.7116



18.5038, 20.5540, 18.7554



0.0000, 0.0000, 0.0000



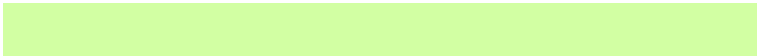
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9770, 68.9137, 43.1533



69.0942, 87.9386, 48.0766



48.2531, 64.9319, 42.7918



14.8932, 16.4520, 15.2951



20.4203, 34.3086, 5.5460



1.6162, 2.5905, 0.4148

Inverse Universe

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



48.0044, 41.5508, 78.1668



57.1262, 46.8598, 100.6417



57.5882, 46.4914, 78.6153



14.2453, 14.2287, 18.1399



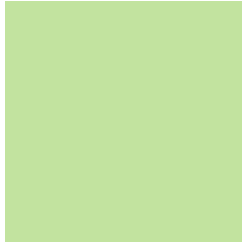
11.9826, 5.2431, 42.7636



0.9924, 0.4426, 3.1651

Previews

White Background



This preview shows how the XYZ color 55.9752, 68.9107, 43.1518 looks on a white background.

Color Contrast Check

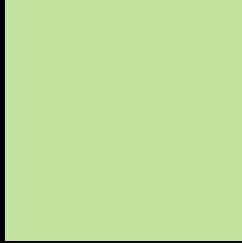
Large Text (above 18pt) WCAG AA × Fail

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 55.9752, 68.9107, 43.1518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

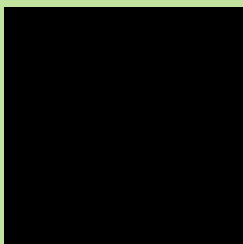
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

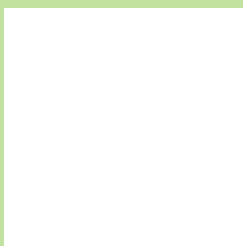
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9752, 68.9107, 43.1518

Background



This preview shows how black text looks on a background with the XYZ color 55.9752, 68.9107, 43.1518.

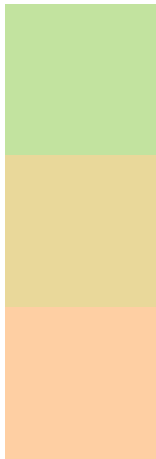


This preview shows how white text looks on a background with the XYZ color 55.9752, 68.9107,

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

55.9752, 68.9107, 43.1518

Protanopia

63.9929, 68.7685, 40.4727

Deuteranopia

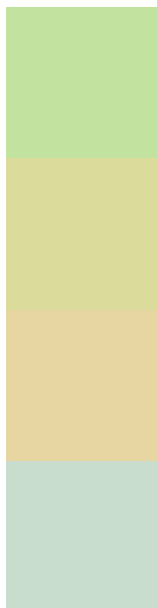
69.7967, 68.3408, 44.1627



Tritanopia

64.9851, 68.6030, 88.4139

Trichromacy



Original Color

55.9752, 68.9107, 43.1518

Protanomaly

60.8074, 68.6468, 41.4978

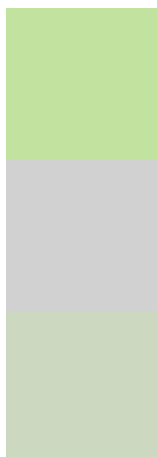
Deuteranomaly

63.8469, 67.8576, 43.9151

Tritanomaly

61.2063, 68.6354, 69.0535

Monochromacy



Original Color

55.9752, 68.9107, 43.1518

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.8617, 65.7107, 58.8713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9752, 68.9107, 43.1518 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, 227, 159)` looks like.

```
.text, #text, p{  
    color:rgb(194, 227, 159)  
}
```

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, 227, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 227, 159) }
```

Border

The CSS property to change the border of an element to XYZ 55.9752, 68.9107, 43.1518 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, 227, 159) }
```


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

```
.border{ border-color:rgb(194, 227, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 227, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 227, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 227, 159);  
box-shadow:4px 4px 4px 4px rgb(194, 227,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9752, 68.9107, 43.1518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 227, 159) }
```

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

```
.background{ background-color: rgb(194,  
227, 159) }
```

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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