

Converting Colors

XYZ(55.5280, 64.7630, 58.6773)

Have a look what the booklet for
XYZ(55.5280, 64.7630, 58.6773)
contains.

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Color

**XYZ(55.4616, 64.7232,
58.8599)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDABF
RGB	189, 218, 191
RGB Percent	74%, 85%, 75%
CMY	0.2588, 0.1451, 0.2510
CMYK	0.13, 0.00, 0.12, 0.15
HSL	124°, 28%, 80%
HSV	124°, 13%, 85%
XYZ	55.4616, 64.7232, 58.8599
YIQ	206.2510, -8.6170, -14.5450

Conversions

Conversions Part 2

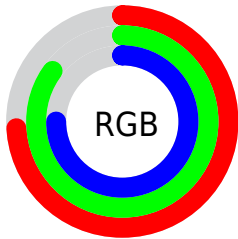
Format	Color
R _Y B	189, 216, 218
Decimal	12442303
CIE Lab	84.34, -14.69, 10.08
CIE LCh	84, 17.811, 145.538
Yxy	64.7232, 0.3098, 0.3615
Android (android.graphics.Color)	4290632383 (0xFFBDDABF)
YUV	206.2510, -7.5187, -15.1291
Hunter-Lab	80.4507, -17.7334, 12.9374

Details

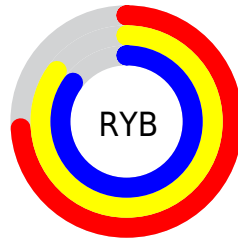
The XYZ color **55.4616, 64.7232, 58.8599** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.5080, 56.2599, 72.6915**, and the grayscale version is **58.8791, 61.9454, 67.4585**.

A 20% lighter version of the original color is **90.2047, 97.6479, 102.0893**, and **27.6763, 33.1803, 28.9905** is the 20% darker color. If you saturate the color by 10%, you get **48.3740, 61.3117, 47.6655**, and if you desaturate by 10%, it is **63.6752, 68.6831, 71.7255**.

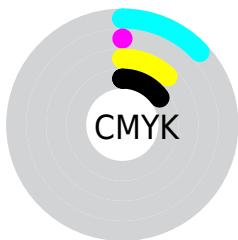
Distribution



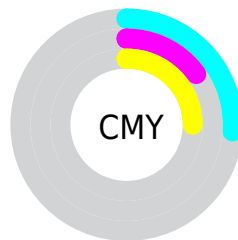
- Red (74%)
- Green (85%)
- Blue (75%)



- Red (74%)
- Yellow (85%)
- Blue (85%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)





- Cyan (26%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4616, 64.7232, 58.8599 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 55.4616, 64.7232, 58.8599 by changing the saturation by 10% instead.


 55.4616, 64.7232,
58.8599

 55.4616, 64.7232,
58.8599


397.7673,
441.7966, 438.0699

 40.0067, 47.2367,
42.0811


 97.3613, 111.6518,
104.7011

 27.7280, 33.2228,
28.8387


124.5369,
141.8627, 134.6006

 18.2601, 22.2972,
18.7143


156.3500,
177.0838, 169.7108

 11.2377, 14.0754,
11.2893

193.1662,
217.6995, 210.4501

 6.2954, 8.1731,
6.1452

235.3506,
264.0943, 257.2371

 3.0679, 4.2059,
2.8633


283.2687,

 1.1898, 1.7894,


316.6524, 310.4904


1.0253


337.2858,
375.7584, 370.6285


 0.0983, 0.4806,
0.0000


 0.0000, 0.0000,
0.0000


 55.4616, 64.7232,
58.8599


 55.4616, 64.7232,
58.8599


 48.3740, 61.3117,
47.6655


 63.6752, 68.6831,
71.7255

 42.3583, 58.4167,
38.0698

 73.0552, 73.2053,
86.3224

 37.3638, 56.0153,
30.0011

 83.6468, 78.3136,
102.7131

 33.3338, 54.0801,
23.3806

 84.3627, 78.6253,
105.3376

■ 30.2058, 52.5807,
18.1227

■ 27.9102, 51.4832,
14.1325

■ 26.3670, 50.7487,
11.3032

■ 25.4804, 50.3304,
9.5102

■ 25.1592, 50.1799,
8.8130

Harmonies

Analogous

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



58.2988, 64.7232, 52.6013



55.4616, 64.7232, 58.8599



54.2473, 64.7232, 68.7929

Triad

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



55.4616, 64.7232, 58.8599



60.9281, 64.7232, 94.4758



68.6328, 64.7232, 61.4993

Complementary

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



55.4616, 64.7232, 58.8599



59.5080, 56.2599, 72.6915

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.



69.4097, 64.7232, 72.1793



55.4616, 64.7232, 58.8599



64.8524, 64.7232, 91.9925

Square

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



55.4616, 64.7232, 58.8599



57.3164, 64.7232, 89.9850



67.9988, 64.7232, 83.5202



65.9189, 64.7232, 54.0068

Rectangle

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



55.4616, 64.7232, 58.8599



54.4819, 64.7232, 76.4655



67.9988, 64.7232, 83.5202



69.1340, 64.7232, 64.8012

Sweetspot

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



55.4634, 64.7260, 58.8613



89.9049, 97.5199, 100.8745



62.5981, 68.4293, 58.0537



19.0427, 20.7766, 21.2779



0.0000, 0.0000, 0.0000



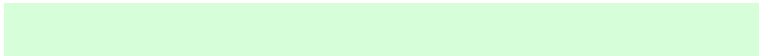
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4634, 64.7260, 58.8613



76.0762, 90.8567, 79.1828



57.1314, 65.3932, 67.6453



12.9228, 14.6207, 14.0563



15.0865, 30.0672, 5.3550



0.9904, 1.9531, 0.4157

Inverse Universe

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



59.5080, 56.2599, 72.6915



82.9374, 76.4945, 102.6435



57.7225, 55.5458, 63.2893



13.5736, 13.2585, 16.2818



23.7940, 11.5187, 34.8910



1.5534, 0.7510, 2.3231

Previews

White Background



This preview shows how the XYZ color 55.4616, 64.7232, 58.8599 looks on a white background.

Color Contrast Check

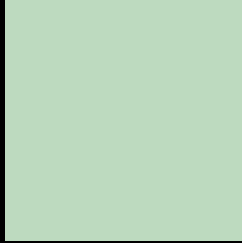
Large Text (above 18pt) WCAG AA × Fail

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 55.4616, 64.7232, 58.8599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

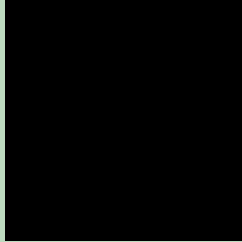
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

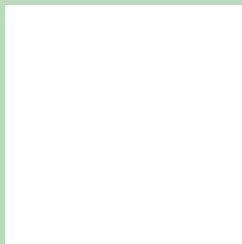
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4616, 64.7232, 58.8599

Background



This preview shows how black text looks on a background with the XYZ color 55.4616, 64.7232, 58.8599.



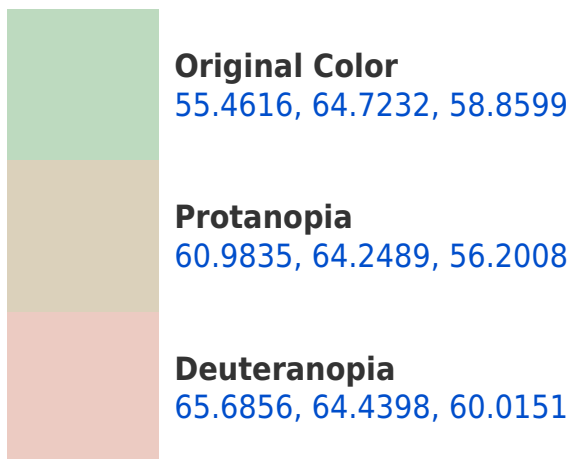
This preview shows how white text looks on a background with the XYZ color 55.4616, 64.7232,

58.8599.

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





Tritanopia

60.1920, 64.3462, 83.3763

Trichromacy



Original Color

55.4616, 64.7232, 58.8599

Protanomaly

58.6330, 64.1277, 56.8645

Deuteranomaly

61.3949, 64.0221, 59.5737

Tritanomaly

58.3046, 64.3369, 73.6353

Monochromacy



Original Color

55.4616, 64.7232, 58.8599

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.4086, 62.5896, 64.3136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4616, 64.7232, 58.8599 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(189, 218, 191)` looks like.

```
.text, #text, p{  
    color:rgb(189, 218, 191)  
}
```

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(189, 218, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 218, 191) }
```

Border

The CSS property to change the border of an element to XYZ 55.4616, 64.7232, 58.8599 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(189, 218, 191) }
```


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

```
.border{ border-color:rgb(189, 218, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 218, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 218, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 218, 191);  
box-shadow:4px 4px 4px 4px rgb(189, 218,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4616, 64.7232, 58.8599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 218, 191) }
```

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

```
.background{ background-color: rgb(189,  
218, 191) }
```

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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