

Converting Colors

XYZ(56.3647, 64.6742, 55.5899)

Have a look what the booklet for
XYZ(56.3647, 64.6742, 55.5899)
contains.

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Color

**XYZ(56.3388, 64.4848,
55.3764)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D8B9
RGB	197, 216, 185
RGB Percent	77%, 85%, 73%
CMY	0.2274, 0.1529, 0.2745
CMYK	0.09, 0.00, 0.14, 0.15
HSL	97°, 28%, 79%
HSV	97°, 14%, 85%
XYZ	56.3388, 64.4848, 55.3764
YIQ	206.7850, -1.3730, -13.6690

Conversions

Conversions Part 2

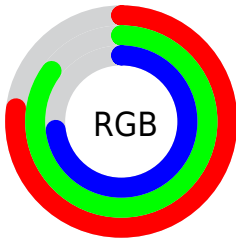
Format	Color
RYB	185, 216, 204
Decimal	12966073
CIELab	84.22, -11.96, 13.15
CIElCh	84, 17.773, 132.302
Yxy	64.4848, 0.3197, 0.3660
Android (android.graphics.Color)	4291156153 (0xFFC5D8B9)
YUV	206.7850, -10.7400, -8.5814
Hunter-Lab	80.3024, -15.2967, 15.3254

Details

The XYZ color **56.3388, 64.4848, 55.3764** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.6480, 52.4949, 72.2213**, and the grayscale version is **59.2388, 62.3239, 67.8707**.

A 20% lighter version of the original color is **92.5102, 98.9417, 97.4409**, and **28.2374, 32.9953, 26.7103** is the 20% darker color. If you saturate the color by 10%, you get **50.9140, 61.9338, 44.1101**, and if you desaturate by 10%, it is **62.4182, 67.3369, 68.4844**.

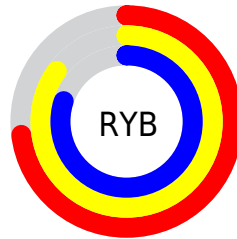
Distribution



Red (77%)

Green (85%)

Blue (73%)



Red (73%)

Yellow (85%)

Blue (80%)

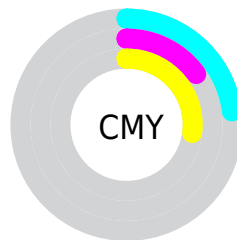


Cyan (9%)

Magenta (0%)

Yellow (14%)

Black (15%)



Cyan (23%)


Magenta (15%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3388, 64.4848, 55.3764 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 56.3388, 64.4848, 55.3764 by changing the saturation by 10% instead.


 56.3388, 64.4848,
55.3764

 56.3388, 64.4848,
55.3764

401.0214,
440.9382, 424.6592

 40.7127, 47.0434,
39.3025


 98.6367, 111.3088,
99.5689

 28.2813, 33.0700,
26.6855


126.0392,
141.4603, 128.5246

 18.6794, 22.1801,
17.1068


158.0979,
176.6173, 162.6113

 11.5415, 13.9893,
10.1479

195.1781,
217.1641, 202.2476

 6.5022, 8.1132,
5.3903

237.6452,
263.4852, 247.8520

 3.1963, 4.1675,
2.4153

285.8646,

 1.2584, 1.7677,

315.9650, 299.8431

0.7948

340.2015,
374.9879, 358.6393

■ 0.1518, 0.4669,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3388, 64.4848,
55.3764

■ 56.3388, 64.4848,
55.3764

■ 50.9140, 61.9338,
44.1101

■ 62.4182, 67.3369,
68.4844

■ 46.1150, 59.6655,
34.5989

■ 69.1689, 70.4916,
83.5071

■ 41.9189, 57.6715,
26.7555

■ 76.6139, 73.9607,
100.5187

■ 38.2988, 55.9404,
20.4833

■ 82.0179, 76.6513,
105.0801

■ 35.2258, 54.4594,
15.6762

■ 83.8471, 77.5942,
105.1657

■ 32.6679, 53.2147,
12.2144

■ 30.5890, 52.1908,
9.9598

■ 28.9469, 51.3695,
8.7438

■ 28.1778, 50.9808,
8.3552

Harmonies

Analogous

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



59.6931, 64.4848, 51.1001



56.3388, 64.4848, 55.3764



54.3624, 64.4848, 63.8301

Triad

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



56.3388, 64.4848, 55.3764



59.0196, 64.4848, 92.9429



68.9836, 64.4848, 65.6970

Complementary

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



56.3388, 64.4848, 55.3764



54.6480, 52.4949, 72.2213

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.



68.7844, 64.4848, 77.0077



56.3388, 64.4848, 55.3764



62.9169, 64.4848, 93.5808

Square

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



56.3388, 64.4848, 55.3764



55.8640, 64.4848, 85.8283



66.5249, 64.4848, 87.4878



67.0583, 64.4848, 56.6168

Rectangle

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



56.3388, 64.4848, 55.3764



54.0381, 64.4848, 71.0868



66.5249, 64.4848, 87.4878



69.1651, 64.4848, 69.3463

Sweetspot

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



56.3405, 64.4876, 55.3778



91.1880, 98.1938, 100.3734



58.5763, 61.1001, 54.6061



19.3664, 20.9465, 21.1517



0.0000, 0.0000, 0.0000



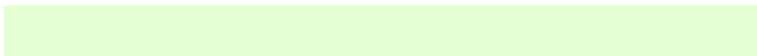
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3405, 64.4876, 55.3778



79.7305, 92.8199, 75.7699



53.6532, 63.0640, 56.9794



12.7124, 14.1279, 13.2177



16.7898, 30.2318, 4.9504



1.1039, 1.8704, 0.3029

Inverse Universe

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



54.6480, 52.4949, 72.2213



76.8405, 72.3477, 104.5223



57.6678, 54.0976, 70.2898



12.4660, 12.3816, 15.6704



13.1298, 5.9211, 38.9040



0.8833, 0.4042, 2.3508

Previews

White Background



This preview shows how the XYZ color 56.3388, 64.4848, 55.3764 looks on a white background.

Color Contrast Check

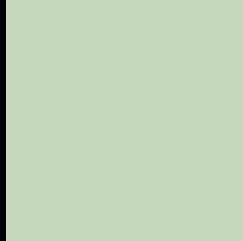
Large Text (above 18pt) WCAG AA × Fail

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 56.3388, 64.4848, 55.3764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

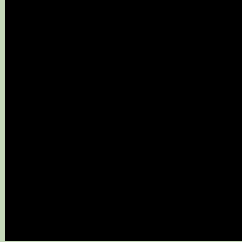
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3388, 64.4848, 55.3764

Background



This preview shows how black text looks on a background with the XYZ color 56.3388, 64.4848, 55.3764.



This preview shows how white text looks on a background with the XYZ color 56.3388, 64.4848,

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

56.3388, 64.4848, 55.3764

Protanopia

60.7592, 64.1940, 53.4443

Deuteranopia

65.4575, 64.0490, 56.4897



Tritanopia

61.5403, 64.3357, 81.8476

Trichromacy



Original Color

56.3388, 64.4848, 55.3764

Protanomaly

59.2421, 64.5029, 54.1277

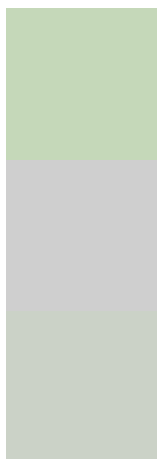
Deuteranomaly

61.7139, 63.9015, 56.0953

Tritanomaly

59.5145, 64.2579, 71.5536

Monochromacy



Original Color

56.3388, 64.4848, 55.3764

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.9840, 62.9132, 63.1202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3388, 64.4848, 55.3764 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(197, 216, 185)` looks like.

```
.text, #text, p{  
    color:rgb(197, 216, 185)  
}
```

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(197, 216, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 216, 185) }
```

Border

The CSS property to change the border of an element to XYZ 56.3388, 64.4848, 55.3764 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(197, 216, 185) }
```


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

```
.border{ border-color:rgb(197, 216, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 216, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 216, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 216, 185);  
box-shadow:4px 4px 4px 4px rgb(197, 216,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3388, 64.4848, 55.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 216, 185) }
```

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

```
.background{ background-color: rgb(197,  
216, 185) }
```

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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