

Converting Colors

XYZ(56.6015, 64.6203, 55.3887)

Have a look what the booklet for
XYZ(56.6015, 64.6203, 55.3887)
contains.

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Color

**XYZ(56.6015, 64.6203,
55.3887)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D8B9
RGB	198, 216, 185
RGB Percent	78%, 85%, 73%
CMY	0.2235, 0.1529, 0.2745
CMYK	0.08, 0.00, 0.14, 0.15
HSL	95°, 28%, 79%
HSV	95°, 14%, 85%
XYZ	56.6015, 64.6203, 55.3887
YIQ	207.0840, -0.7770, -13.4570

Conversions

Conversions Part 2

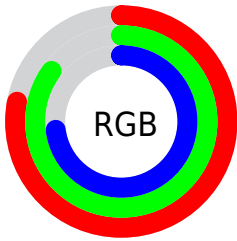
Format	Color
RYB	185, 216, 203
Decimal	13031609
CIELab	84.29, -11.61, 13.25
CIElCh	84, 17.622, 131.223
Yxy	64.6203, 0.3205, 0.3659
Android (android.graphics.Color)	4291221689 (0xFFC6D8B9)
YUV	207.0840, -10.8874, -7.9667
Hunter-Lab	80.3868, -14.9923, 15.4183

Details

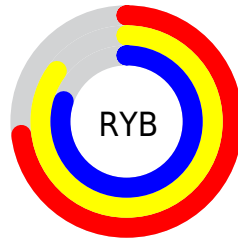
The XYZ color **56.6015, 64.6203, 55.3887** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.3749, 52.3541, 72.2087**, and the grayscale version is **59.4321, 62.5272, 68.0921**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **28.4113, 33.0850, 26.7184** is the 20% darker color. If you saturate the color by 10%, you get **51.3221, 62.1443, 44.1292**, and if you desaturate by 10%, it is **62.5048, 67.3816, 68.4885**.

Distribution



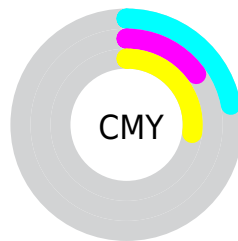
- Red (78%)
- Green (85%)
- Blue (73%)



- Red (73%)
- Yellow (85%)
- Blue (80%)



- Cyan (8%)
- Magenta (0%)
- Yellow (14%)
- Black (15%)





- Cyan (22%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6015, 64.6203, 55.3887 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 56.6015, 64.6203, 55.3887 by changing the saturation by 10% instead.


 56.6015, 64.6203,
55.3887

 56.6015, 64.6203,
55.3887


401.9928,
441.4262, 424.7071

 40.9243, 47.1533,
39.3123


 99.0182, 111.5038,
99.5871

 28.4473, 33.1568,
26.6931


126.4884,
141.6890, 128.5462

 18.8053, 22.2466,
17.1125


158.6203,
176.8825, 162.6365

 11.6329, 14.0382,
10.1519

195.7793,
217.4685, 202.2768

 6.5646, 8.1473,
5.3929

238.3306,
263.8315, 247.8854

 3.2352, 4.1893,
2.4168


286.6398,

 1.2793, 1.7800,


316.3558, 299.8810


0.7956


341.0720,
375.4259, 358.6820


 0.1677, 0.4747,
0.0000


 0.0000, 0.0000,
0.0000


 56.6015, 64.6203,
55.3887

 56.6015, 64.6203,
55.3887


 51.3221, 62.1443,
44.1292


 62.5048, 67.3816,
68.4885


 46.6391, 59.9357,
34.6234

 69.0477, 70.4291,
83.5014

 42.5307, 57.9870,
26.7841

 76.2518, 73.7742,
100.5018

 38.9714, 56.2872,
20.5148

 81.3811, 76.3230,
105.0503

■ 35.9338, 54.8245,
15.7093

■ 83.8472, 77.5944,
105.1657

■ 33.3873, 53.5857,
12.2481

■ 31.2976, 52.5561,
9.9930

■ 29.6241, 51.7186,
8.7755

■ 28.8290, 51.3165,
8.3856

Harmonies

Analogous

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



59.9693, 64.6203, 51.2988



56.6015, 64.6203, 55.3887



54.5790, 64.6203, 63.6607

Triad

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



56.6015, 64.6203, 55.3887



59.0334, 64.6203, 92.7562



69.0860, 64.6203, 66.2562

Complementary

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



56.6015, 64.6203, 55.3887



54.3749, 52.3541, 72.2087

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.



68.8093, 64.6203, 77.5147



56.6015, 64.6203, 55.3887



62.8932, 64.6203, 93.6410

Square

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



56.6015, 64.6203, 55.3887



55.9414, 64.6203, 85.5102



66.5038, 64.6203, 87.8130



67.2444, 64.6203, 57.1150

Rectangle

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



56.6015, 64.6203, 55.3887



54.2119, 64.6203, 70.8206



66.5038, 64.6203, 87.8130



69.2396, 64.6203, 69.9025

Sweetspot

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



56.6032, 64.6231, 55.3901



91.3052, 98.2542, 100.3789



58.3322, 60.6118, 54.5247



19.3960, 20.9618, 21.1531



0.0000, 0.0000, 0.0000



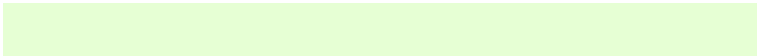
20.3446, 21.4041, 23.3091

Same Dimension

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



56.6032, 64.6231, 55.3901



80.1768, 93.0500, 75.7908



53.5422, 63.0197, 56.3943



12.7509, 14.1478, 13.2195



17.1799, 30.4329, 4.9687



1.1294, 1.8836, 0.3040

Inverse Universe

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



54.3749, 52.3541, 72.2087



76.3725, 72.1064, 104.5004



57.7995, 54.1502, 70.9827



12.4265, 12.3613, 15.6685



12.5056, 5.5994, 38.8748



0.8477, 0.3859, 2.3491

Previews

White Background



This preview shows how the XYZ color 56.6015, 64.6203, 55.3887 looks on a white background.

Color Contrast Check

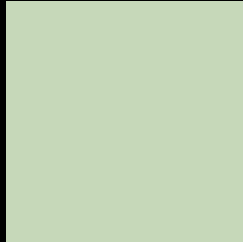
Large Text (above 18pt) WCAG AA × Fail

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 56.6015, 64.6203, 55.3887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

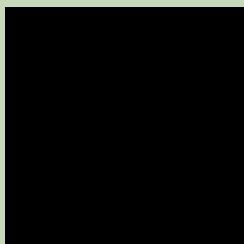
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

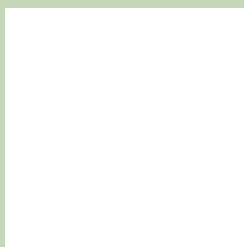
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6015, 64.6203, 55.3887

Background



This preview shows how black text looks on a background with the XYZ color 56.6015, 64.6203, 55.3887.



This preview shows how white text looks on a background with the XYZ color 56.6015, 64.6203,

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

56.6015, 64.6203, 55.3887

Protanopia

60.7592, 64.1940, 53.4443

Deuteranopia

65.4575, 64.0490, 56.4897



Tritanopia

61.8136, 64.4766, 81.8604

Trichromacy



Original Color

56.6015, 64.6203, 55.3887

Protanomaly

59.2421, 64.5029, 54.1277

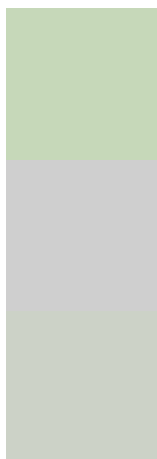
Deuteranomaly

61.7139, 63.9015, 56.0953

Tritanomaly

59.7843, 64.3970, 71.5662

Monochromacy



Original Color

56.6015, 64.6203, 55.3887

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.2572, 63.0541, 63.1330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6015, 64.6203, 55.3887 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(198, 216, 185)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 216, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 216, 185) }
```

Border

The CSS property to change the border of an element to XYZ 56.6015, 64.6203, 55.3887 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(198, 216, 185) }
```


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

```
.border{ border-color:rgb(198, 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(198, 216, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 216, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 216, 185);  
box-shadow:4px 4px 4px 4px rgb(198, 216,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6015, 64.6203, 55.3887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 216, 185) }
```

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

```
.background{ background-color: rgb(198,  
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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