

Converting Colors

XYZ(54.6316, 63.9770, 51.4495)

Have a look what the booklet for
XYZ(54.6316, 63.9770, 51.4495)
contains.

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Color

**XYZ(54.8411, 64.1775,
51.6165)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D9B2
RGB	193, 217, 178
RGB Percent	76%, 85%, 70%
CMY	0.2431, 0.1490, 0.3020
CMYK	0.11, 0.00, 0.18, 0.15
HSL	97°, 34%, 77%
HSV	97°, 18%, 85%
XYZ	54.8411, 64.1775, 51.6165
YIQ	205.3780, -1.7850, -17.2170

Conversions

Conversions Part 2

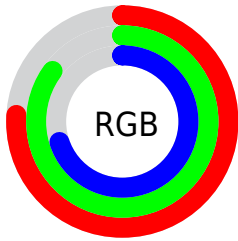
Format	Color
RYB	178, 217, 202
Decimal	12704178
CIELab	84.06, -15.03, 16.57
CIELCh	84, 22.370, 132.213
Yxy	64.1775, 0.3214, 0.3761
Android (android.graphics.Color)	4290894258 (0xFFC1D9B2)
YUV	205.3780, -13.4974, -10.8555
Hunter-Lab	80.1109, -17.9991, 17.8763

Details

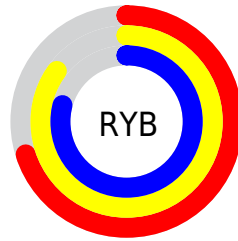
The XYZ color **54.8411, 64.1775, 51.6165** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.8043, 49.4088, 72.4027**, and the grayscale version is **58.3546, 61.3936, 66.8576**.

A 20% lighter version of the original color is **90.0356, 97.7845, 91.9708**, and **27.2695, 32.8103, 24.2978** is the 20% darker color. If you saturate the color by 10%, you get **49.5805, 61.6996, 40.8824**, and if you desaturate by 10%, it is **60.7573, 66.9573, 64.1831**.

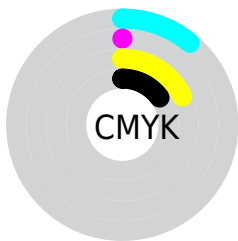
Distribution



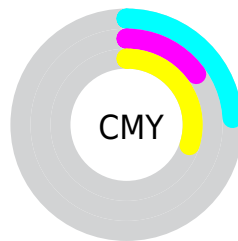
- Red (76%)
- Green (85%)
- Blue (70%)



- Red (70%)
- Yellow (85%)
- Blue (79%)



- Cyan (11%)
- Magenta (0%)
- Yellow (18%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8411, 64.1775, 51.6165 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 54.8411, 64.1775, 51.6165 by changing the saturation by 10% instead.

■ 54.8411, 64.1775,
51.6165

■ 54.8411, 64.1775,
51.6165

395.4555,
439.8303, 409.8690

■ 39.5079, 46.7945,
36.3194

■ 96.4578, 110.8665,
93.9862

■ 27.3375, 32.8732,
24.3893

123.4719,
140.9413, 121.8959

■ 17.9648, 22.0293,
15.4078

155.1104,
176.0154, 154.8468

■ 11.0242, 13.8784,
8.9563

191.7386,
216.4733, 193.2575

■ 6.1506, 8.0362,
4.6163

233.7219,
262.6994, 237.5465

■ 2.9784, 4.1181,
1.9692


281.4255,

■ 1.1423, 1.7398,


315.0779, 288.1324


0.5362


335.2150,
373.9935, 345.4338


 0.0601, 0.4493,
0.0000


 0.0000, 0.0000,
0.0000


 54.8411, 64.1775,
51.6165


 54.8411, 64.1775,
51.6165


 49.5805, 61.6996,
40.8824

 60.7573, 66.9573,
64.1831


 44.9462, 59.5048,
31.8912

 67.3469, 70.0408,
78.6579

 40.9139, 57.5843,
24.5519

 74.6334, 73.4404,
95.1176

 37.4558, 55.9261,
18.7635

 81.0182, 76.5174,
105.1070

■ 34.5414, 54.5169,
14.4141

■ 84.1041, 78.1082,
105.2514

■ 32.1369, 53.3421,
11.3769

■ 30.2038, 52.3850,
9.5025

■ 28.6908, 51.6239,
8.5785

■ 28.4216, 51.4880,
8.4402

Harmonies

Analogous

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



59.0128, 64.1775, 46.5349



54.8411, 64.1775, 51.6165



52.3998, 64.1775, 61.8989

Triad

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



54.8411, 64.1775, 51.6165



58.1449, 64.1775, 99.0900



70.7539, 64.1775, 64.2842

Complementary

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



54.8411, 64.1775, 51.6165



52.8043, 49.4088, 72.4027

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.



70.4905, 64.1775, 78.5158



54.8411, 64.1775, 51.6165



63.0288, 64.1775, 99.9562

Square

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



54.8411, 64.1775, 51.6165



54.2353, 64.1775, 89.7801



67.6010, 64.1775, 92.0076



68.3024, 64.1775, 53.1592

Rectangle

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



54.8411, 64.1775, 51.6165



51.9972, 64.1775, 70.9332



67.6010, 64.1775, 92.0076



70.9835, 64.1775, 68.8341

Sweetspot

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



54.8428, 64.1803, 51.6179



90.2365, 97.7479, 98.3127



57.6336, 59.9286, 50.6501



19.1738, 20.8563, 20.7367



0.0000, 0.0000, 0.0000



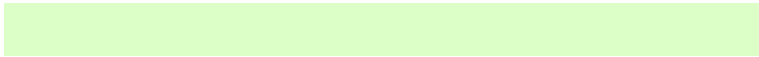
20.3446, 21.4041, 23.3091

Same Dimension

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



54.8428, 64.1803, 51.6179



75.7162, 90.9287, 67.5323



51.6080, 62.4668, 53.5402



13.3576, 14.8491, 13.8877



17.3136, 31.2230, 5.1141



1.2161, 2.0715, 0.3357

Inverse Universe

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



52.8043, 49.4088, 72.4027



72.1938, 65.4162, 103.4293



56.5610, 51.4033, 69.9612



13.1042, 13.0118, 16.4730



13.6108, 6.1408, 40.2063



0.9769, 0.4469, 2.6092

Previews

White Background



This preview shows how the XYZ color 54.8411, 64.1775, 51.6165 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 54.8411, 64.1775, 51.6165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

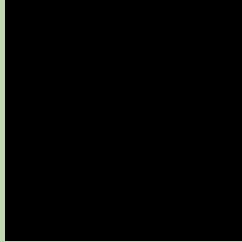
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8411, 64.1775, 51.6165

Background



This preview shows how black text looks on a background with the XYZ color 54.8411, 64.1775, 51.6165.



This preview shows how white text looks on a background with the XYZ color 54.8411, 64.1775,

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



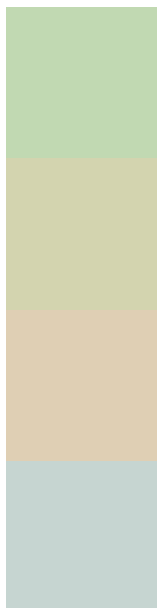
Original Color
54.8411, 64.1775, 51.6165
Protanopia
60.2592, 64.0291, 49.2272
Deuteranopia
65.3962, 64.1025, 52.6423



Tritanopia

60.9991, 64.0567, 81.8222

Trichromacy



Original Color

54.8411, 64.1775, 51.6165

Protanomaly

58.1453, 64.0310, 49.8521

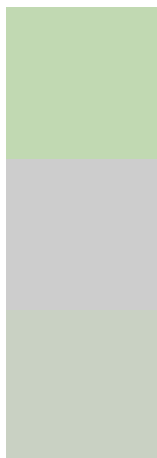
Deuteranomaly

60.9825, 63.6089, 52.2436

Tritanomaly

58.5916, 64.1977, 69.6249

Monochromacy



Original Color

54.8411, 64.1775, 51.6165

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.7382, 61.9586, 60.5985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8411, 64.1775, 51.6165 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(193, 217, 178)` looks like.

```
.text, #text, p{  
    color:rgb(193, 217, 178)  
}
```

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(193, 217, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 217, 178) }
```

Border

The CSS property to change the border of an element to XYZ 54.8411, 64.1775, 51.6165 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(193, 217, 178) }
```


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

```
.border{ border-color:rgb(193, 217, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 217, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 217, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 217, 178);  
box-shadow:4px 4px 4px 4px rgb(193, 217,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8411, 64.1775, 51.6165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 217, 178) }
```

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

```
.background{ background-color: rgb(193,  
217, 178) }
```

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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