

Converting Colors

XYZ(65.2108, 66.4716, 52.9180)

Have a look what the booklet for
XYZ(65.2108, 66.4716, 52.9180)
contains.

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Color

**XYZ(65.4019, 66.5993,
53.1240)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD1B5
RGB	235, 209, 181
RGB Percent	92%, 82%, 71%
CMY	0.0784, 0.1804, 0.2902
CMYK	0.00, 0.11, 0.23, 0.08
HSL	31°, 57%, 82%
HSV	31°, 23%, 92%
XYZ	65.4019, 66.5993, 53.1240
YIQ	213.5820, 24.4840, -3.1960

Conversions

Conversions Part 2

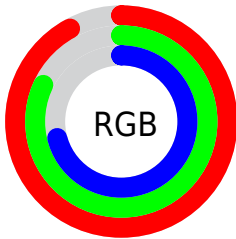
Format	Color
RYB	231, 235, 181
Decimal	15454645
CIELab	85.30, 4.78, 17.21
CIELCh	85, 17.859, 74.479
Yxy	66.5993, 0.3533, 0.3598
Android (android.graphics.Color)	4293644725 (0xFFEBD1B5)
YUV	213.5820, -16.0629, 18.7836
Hunter-Lab	81.6084, 0.2373, 18.5303

Details

The XYZ color **65.4019, 66.5993, 53.1240** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.3639, 60.4460, 87.2941**, and the grayscale version is **63.7301, 67.0490, 73.0163**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **34.2080, 34.5849, 25.2947** is the 20% darker color. If you saturate the color by 10%, you get **60.5138, 60.3617, 40.5849**, and if you desaturate by 10%, it is **70.8974, 73.3998, 67.8737**.

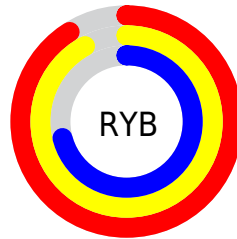
Distribution



Red (92%)

Green (82%)

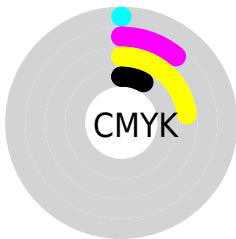
Blue (71%)



Red (91%)

Yellow (92%)

Blue (71%)

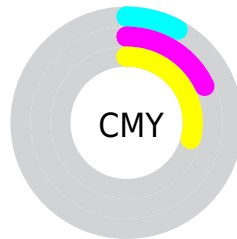


Cyan (0%)

Magenta (11%)

Yellow (23%)

Black (8%)



Cyan (8%)


Magenta (18%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4019, 66.5993, 53.1240 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 65.4019, 66.5993, 53.1240 by changing the saturation by 10% instead.


 65.4019, 66.5993,
53.1240

 65.4019, 66.5993,
53.1240


433.7572,
448.5171, 415.8405

 48.0529, 48.7591,
37.5134


 111.6900,
114.3461, 96.2302

 34.0802, 34.4284,
25.3063


141.3598,
145.0214, 124.5629

 23.1184, 23.2229,
16.0843


175.8673,
180.7438, 157.9733

 14.8022, 14.7582,
9.4288

215.5778,
221.8978, 196.8799

 8.7661, 8.6498,
4.9213

260.8567,
268.8678, 241.7015

 4.6448, 4.5135,
2.1432

312.0693,

 2.0730, 1.9648,

322.0380, 292.8564

0.6413

369.5811,
381.7930, 350.7632

0.6745, 0.5869,
0.0000

0.0000, 0.0000,
0.0000

65.4019, 66.5993,
53.1240

65.4019, 66.5993,
53.1240

60.5138, 60.3617,
40.5849

70.8974, 73.3998,
67.8737

56.2034, 54.6618,
30.1434

77.0179, 80.7697,
84.9310

52.4461, 49.4853,
21.6829

83.7868, 88.7267,
104.3921

49.2131, 44.8137,
15.0733

87.8345, 95.9290,
108.4945

■ 46.4725, 40.6270,
10.1689

■ 88.0711, 96.4022,
108.5734

■ 44.1881, 36.9034,
6.8017

■ 42.3167, 33.6177,
4.7686

■ 41.2050, 31.5501,
3.9180

Harmonies

Analogous

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



69.0059, 66.5993, 58.0194



65.4019, 66.5993, 53.1240



61.3784, 66.5993, 53.0390

Triad

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



65.4019, 66.5993, 53.1240



56.0740, 66.5993, 78.2206



68.9002, 66.5993, 89.5733

Complementary

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



65.4019, 66.5993, 53.1240



56.3639, 60.4460, 87.2941

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.



65.2626, 66.5993, 96.2565



65.4019, 66.5993, 53.1240



57.9188, 66.5993, 89.2445

Square

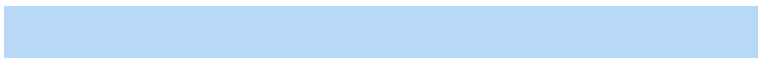
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.4019, 66.5993, 53.1240



56.1077, 66.5993, 66.7242



61.2449, 66.5993, 96.1301



71.0835, 66.5993, 78.6321

Rectangle

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



65.4019, 66.5993, 53.1240



59.0046, 66.5993, 55.6804



61.2449, 66.5993, 96.1301



67.8003, 66.5993, 92.4416

Sweetspot

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



65.4037, 66.6023, 53.1254



89.6277, 93.5427, 93.5674



62.0602, 55.2206, 66.4840



19.0878, 19.9063, 19.7585



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.



65.4037, 66.6023, 53.1254



75.6083, 76.2209, 55.8550



72.0138, 80.2626, 55.4137



15.7117, 16.3464, 15.8458



23.0611, 17.8163, 2.2234



1.9071, 1.5916, 0.2067

Inverse Universe

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



56.3639, 60.4460, 87.2941



62.7855, 67.4890, 104.3253



50.7879, 48.9798, 85.3748



14.8296, 15.7456, 19.1798



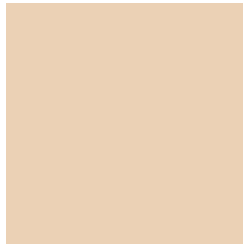
11.7665, 10.1799, 45.0877



1.0198, 0.9912, 3.5724

Previews

White Background



This preview shows how the XYZ color 65.4019, 66.5993, 53.1240 looks on a white background.

Color Contrast Check

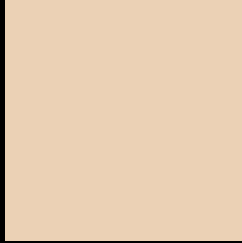
Large Text (above 18pt) WCAG AA × Fail

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 65.4019, 66.5993, 53.1240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

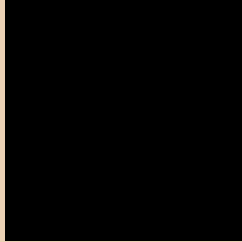
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4019, 66.5993, 53.1240

Background



This preview shows how black text looks on a background with the XYZ color 65.4019, 66.5993, 53.1240.



This preview shows how white text looks on a background with the XYZ color 65.4019, 66.5993,

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

65.4019, 66.5993, 53.1240

Protanopia

63.0820, 66.8547, 54.3792

Deuteranopia

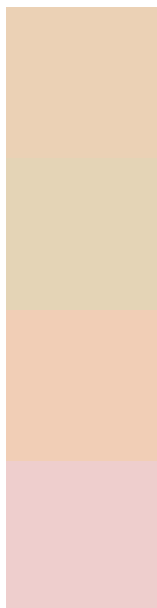
67.9310, 66.4525, 53.5022



Tritanopia

70.3142, 66.8255, 76.2105

Trichromacy



Original Color

65.4019, 66.5993, 53.1240

Protanomaly

63.9819, 66.9583, 53.8080

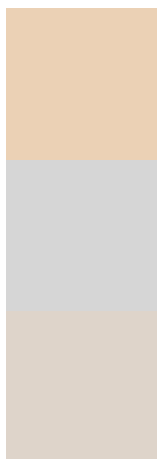
Deuteranomaly

66.7904, 66.2208, 53.5176

Tritanomaly

68.3506, 66.7275, 67.0348

Monochromacy



Original Color

65.4019, 66.5993, 53.1240

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.3284, 66.8808, 65.3959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4019, 66.5993, 53.1240 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(235, 209, 181)` looks like.

```
.text, #text, p{  
    color:rgb(235, 209, 181)  
}
```

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(235, 209, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 209, 181) }
```

Border

The CSS property to change the border of an element to XYZ 65.4019, 66.5993, 53.1240 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(235, 209, 181) }
```


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

```
.border{ border-color:rgb(235, 209, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 209, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 209, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 209, 181);  
box-shadow:4px 4px 4px 4px rgb(235, 209,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4019, 66.5993, 53.1240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 209, 181) }
```

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

```
.background{ background-color: rgb(235,  
209, 181) }
```

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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