

Converting Colors

XYZ(56.8266, 63.9423, 34.5712)

Have a look what the booklet for
XYZ(56.8266, 63.9423, 34.5712)
contains.

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Color

**XYZ(56.9209, 64.1105,
34.5738)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D58D
RGB	216, 213, 141
RGB Percent	85%, 84%, 55%
CMY	0.1529, 0.1647, 0.4471
CMYK	0.00, 0.01, 0.35, 0.15
HSL	58°, 49%, 70%
HSV	58°, 35%, 85%
XYZ	56.9209, 64.1105, 34.5738
YIQ	205.6890, 24.9000, -21.7560

Conversions

Conversions Part 2

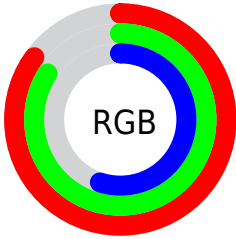
Format	Color
RYB	144, 216, 141
Decimal	14210445
CIELab	84.02, -9.68, 36.01
CIELCh	84, 37.288, 105.051
Yxy	64.1105, 0.3658, 0.4120
Android (android.graphics.Color)	4292400525 (0xFFD8D58D)
YUV	205.6890, -31.8917, 9.0427
Hunter-Lab	80.0690, -13.2255, 30.4469

Details

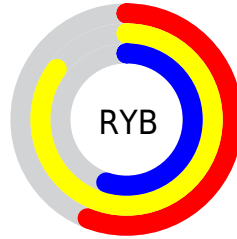
The XYZ color **56.9209, 64.1105, 34.5738** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.3524, 30.5664, 69.1080**, and the grayscale version is **58.6550, 61.7096, 67.2018**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **28.5695, 32.6655, 14.4722** is the 20% darker color. If you saturate the color by 10%, you get **55.2522, 63.0991, 26.8469**, and if you desaturate by 10%, it is **58.9074, 65.2554, 43.9546**.

Distribution



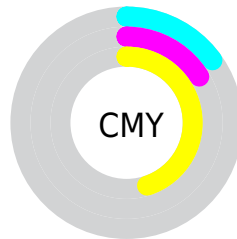
- Red (85%)
- Green (84%)
- Blue (55%)



- Red (56%)
- Yellow (85%)
- Blue (55%)



- Cyan (0%)
- Magenta (1%)
- Yellow (35%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9209, 64.1105, 34.5738 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 56.9209, 64.1105, 34.5738 by changing the saturation by 10% instead.

■ 56.9209, 64.1105,
34.5738

■ 56.9209, 64.1105,
34.5738

403.1718,
439.5886, 337.5300

■ 41.1816, 46.7402,
23.0538

■ 99.4818, 110.7701,
67.9690

■ 28.6493, 32.8303,
14.4276

■ 127.0341,
140.8281, 90.6814

■ 18.9587, 21.9965,
8.2765

■ 159.2548,
175.8841, 117.9617

■ 11.7442, 13.8543,
4.1821

196.5093,
216.3226, 150.2283

■ 6.6407, 8.0194,
1.7258

239.1629,
262.5279, 187.9000

■ 3.2828, 4.1074,
0.3783

287.5809,

■ 1.3050, 1.7338,

314.8844, 231.3951

0.0000

342.1288,
373.7765, 281.1323

■ 0.1870, 0.4454,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9209, 64.1105,
34.5738

■ 56.9209, 64.1105,
34.5738

■ 55.2522, 63.0991,
26.8469

■ 58.9074, 65.2554,
43.9546

■ 53.8783, 62.2051,
20.6735

■ 61.2238, 66.5319,
55.0737

■ 52.7805, 61.4235,
15.9485

■ 63.8873, 67.9491,
68.0149

■ 51.9361, 60.7450,
12.5523

■ 66.9125, 69.5127,
82.8551

■ 51.3187, 60.1592,
10.3461

■ 70.3131, 71.2285,
99.6670

■ 50.8963, 59.6532,
9.1607

■ 71.4872, 72.0555,
104.7481

■ 50.7228, 59.4067,
8.7933

■ 71.7117, 72.5045,
104.8229

■ 71.9374, 72.9558,
104.8981

■ 72.1642, 73.4095,
104.9737

Harmonies

Analogous

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



65.1051, 64.1105, 34.5606



56.9209, 64.1105, 34.5738



50.4164, 64.1105, 42.4542

Triad

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



56.9209, 64.1105, 34.5738



50.4341, 64.1105, 107.0058



77.5224, 64.1105, 82.1489

Complementary

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



56.9209, 64.1105, 34.5738



33.3524, 30.5664, 69.1080

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.



72.8236, 64.1105, 106.9294



56.9209, 64.1105, 34.5738



56.9471, 64.1105, 123.3280

Square

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



56.9209, 64.1105, 34.5738



46.9068, 64.1105, 82.2365



65.1337, 64.1105, 123.2972



77.5137, 64.1105, 58.6948

Rectangle

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



56.9209, 64.1105, 34.5738



47.6948, 64.1105, 52.3952



65.1337, 64.1105, 123.2972



76.4236, 64.1105, 90.6994

Sweetspot

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



56.9225, 64.1134, 34.5751



90.8888, 97.8172, 88.5855



42.9359, 35.6861, 31.3131



19.3379, 20.8749, 18.3977



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.



56.9225, 64.1134, 34.5751



80.9882, 92.2166, 41.5065



48.7146, 61.0107, 34.4089



13.4284, 14.4309, 13.2384



30.0424, 35.2020, 5.2113



1.8255, 2.1502, 0.3188

Inverse Universe

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



33.3524, 30.5664, 69.1080



41.5016, 36.0204, 99.3730



39.5433, 33.0935, 69.2694



11.7820, 12.0874, 15.6496



7.4104, 3.0827, 38.6576



0.4613, 0.2146, 2.3364

Previews

White Background



This preview shows how the XYZ color 56.9209, 64.1105, 34.5738 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 56.9209, 64.1105, 34.5738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

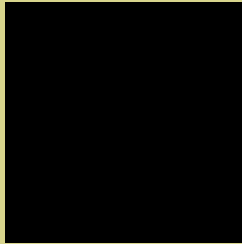
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9209, 64.1105, 34.5738

Background



This preview shows how black text looks on a background with the XYZ color 56.9209, 64.1105, 34.5738.



This preview shows how white text looks on a background with the XYZ color 56.9209, 64.1105,

34.5738.

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

56.9209, 64.1105, 34.5738

Protanopia

59.2126, 63.8253, 34.0096

Deuteranopia

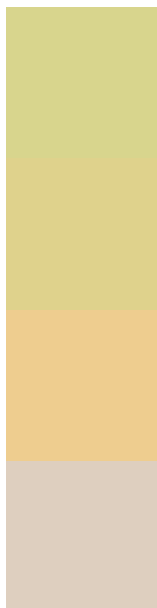
65.1127, 63.6462, 35.2387



Tritanopia

65.1935, 63.8339, 75.9029

Trichromacy



Original Color

56.9209, 64.1105, 34.5738

Protanomaly

58.2116, 63.6746, 34.0333

Deuteranomaly

62.0491, 63.8230, 35.0353

Tritanomaly

61.8410, 63.9168, 58.3680

Monochromacy



Original Color

56.9209, 64.1105, 34.5738

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.8223, 62.6800, 53.3069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9209, 64.1105, 34.5738 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(216, 213, 141)` looks like.

```
.text, #text, p{  
    color:rgb(216, 213, 141)  
}
```

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(216, 213, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 213, 141) }
```

Border

The CSS property to change the border of an element to XYZ 56.9209, 64.1105, 34.5738 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(216, 213, 141) }
```


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

```
.border{ border-color:rgb(216, 213, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 213, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 213, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 213, 141);  
box-shadow:4px 4px 4px 4px rgb(216, 213,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9209, 64.1105, 34.5738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 213, 141) }
```

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

```
.background{ background-color: rgb(216,  
213, 141) }
```

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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