

Converting Colors

XYZ(57.8270, 64.2534, 38.9421)

Have a look what the booklet for
XYZ(57.8270, 64.2534, 38.9421)
contains.

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Color

**XYZ(57.8263, 64.1057,
39.0316)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D498
RGB	217, 212, 152
RGB Percent	85%, 83%, 60%
CMY	0.1490, 0.1686, 0.4039
CMYK	0.00, 0.02, 0.30, 0.15
HSL	55°, 46%, 72%
HSV	55°, 30%, 85%
XYZ	57.8263, 64.1057, 39.0316
YIQ	206.6550, 22.2400, -17.6000

Conversions

Conversions Part 2

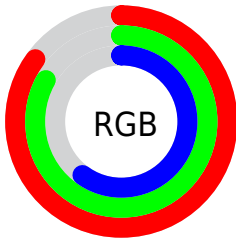
Format	Color
RYB	157, 217, 152
Decimal	14275736
CIELab	84.02, -7.45, 30.38
CIELCh	84, 31.275, 103.780
Yxy	64.1057, 0.3593, 0.3983
Android (android.graphics.Color)	4292465816 (0xFFD9D498)
YUV	206.6550, -26.9449, 9.0726
Hunter-Lab	80.0660, -11.1970, 27.1428

Details

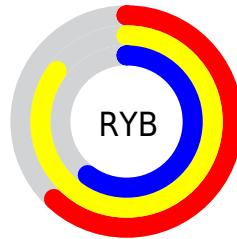
The XYZ color **57.8263, 64.1057, 39.0316** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.5301, 35.7982, 70.5776**, and the grayscale version is **59.2454, 62.3308, 67.8782**.

A 20% lighter version of the original color is **88.2625, 97.2850, 73.1574**, and **29.2251, 32.9509, 16.8764** is the 20% darker color. If you saturate the color by 10%, you get **55.7951, 62.6319, 30.3740**, and if you desaturate by 10%, it is **60.1903, 65.7240, 49.4059**.

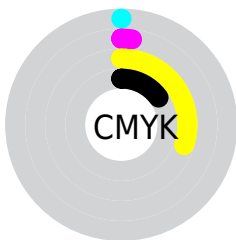
Distribution



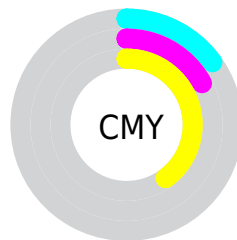
- Red (85%)
- Green (83%)
- Blue (60%)



- Red (62%)
- Yellow (85%)
- Blue (60%)



- Cyan (0%)
- Magenta (2%)
- Yellow (30%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8263, 64.1057, 39.0316 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 57.8263, 64.1057, 39.0316 by changing the saturation by 10% instead.

■ 57.8263, 64.1057,
39.0316

■ 57.8263, 64.1057,
39.0316

406.5027,
439.5712, 357.4548

■ 41.9117, 46.7363,
26.4763

■ 100.7943,
110.7631, 74.9075

■ 29.2230, 32.8272,
16.9513

■ 128.5784,
140.8200, 99.0651

■ 19.3947, 21.9941,
10.0382

161.0498,
175.8747, 127.9273

■ 12.0615, 13.8526,
5.3184

198.5738,
216.3118, 161.9125

■ 6.8581, 8.0182,
2.3733

241.5157,
262.5156, 201.4393

■ 3.4190, 4.1066,
0.7718

290.2409,

■ 1.3790, 1.7334,

314.8705, 246.9263

0.0000

345.1148,
373.7609, 298.7919

■ 0.2412, 0.4451,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8263, 64.1057,
39.0316

■ 57.8263, 64.1057,
39.0316

■ 55.7951, 62.6319,
30.3740

■ 60.1903, 65.7240,
49.4059

■ 54.0740, 61.2867,
23.3354

■ 62.8985, 67.4847,
61.5792

■ 52.6452, 60.0654,
17.8149

■ 65.9680, 69.3968,
75.6333

■ 51.4870, 58.9591,
13.6983

■ 69.4132, 71.4661,
91.6440

■ 50.5747, 57.9579,
10.8555

■ 72.3488, 73.3386,
104.9503

■ 49.8789, 57.0501,
9.1319

■ 72.7896, 74.2201,
105.0972

■ 49.3474, 56.2149,
8.2526

■ 73.2347, 75.1104,
105.2456

■ 49.3450, 56.2110,
8.2490

■ 73.6842, 76.0095,
105.3955

■ 74.1382, 76.9173,
105.5468

Harmonies

Analogous

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



64.7102, 64.1057, 39.3164



57.8263, 64.1057, 39.0316



52.2086, 64.1057, 45.8144

Triad

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



57.8263, 64.1057, 39.0316



51.8491, 64.1057, 99.5110



74.5707, 64.1057, 80.9548

Complementary

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



57.8263, 64.1057, 39.0316



37.5301, 35.7982, 70.5776

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.



70.5735, 64.1057, 100.9669



57.8263, 64.1057, 39.0316



57.3010, 64.1057, 112.9842

Square

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



57.8263, 64.1057, 39.0316



48.9378, 64.1057, 79.2423



64.1439, 64.1057, 113.5623



74.7380, 64.1057, 61.1396

Rectangle

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



57.8263, 64.1057, 39.0316



49.7920, 64.1057, 54.3297



64.1439, 64.1057, 113.5623



73.6175, 64.1057, 87.9597

Sweetspot

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



57.8279, 64.1086, 39.0329



91.0126, 97.4890, 90.4015



45.9656, 39.6575, 37.3180



19.3495, 20.7834, 18.7551



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.



57.8279, 64.1086, 39.0329



81.4195, 91.0129, 48.0203



51.6953, 62.8295, 39.1093



14.0722, 15.0837, 13.8953



29.9060, 34.0975, 5.0053



1.9635, 2.2610, 0.3329

Inverse Universe

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



37.5301, 35.7982, 70.5776



47.6177, 43.8726, 100.5663



42.3630, 37.0607, 70.5666



12.4187, 12.7771, 16.4638



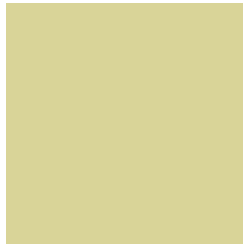
7.7297, 3.3289, 39.9735



0.5295, 0.2730, 2.5992

Previews

White Background



This preview shows how the XYZ color 57.8263, 64.1057, 39.0316 looks on a white background.

Color Contrast Check

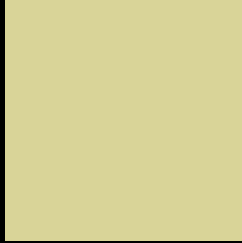
Large Text (above 18pt) WCAG AA × Fail

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 57.8263, 64.1057, 39.0316 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 57.8263, 64.1057, 39.0316

Background



This preview shows how black text looks on a background with the XYZ color 57.8263, 64.1057, 39.0316.



This preview shows how white text looks on a background with the XYZ color 57.8263, 64.1057,

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

57.8263, 64.1057, 39.0316

Protanopia

59.4377, 63.8428, 38.4684

Deuteranopia

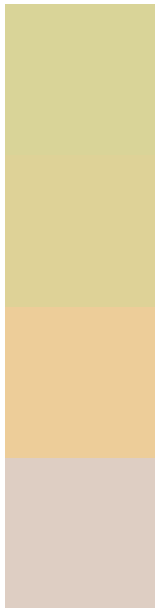
65.4308, 64.0628, 39.4886



Tritanopia

65.1935, 63.8339, 75.9029

Trichromacy



Original Color

57.8263, 64.1057, 39.0316

Protanomaly

58.7567, 63.8571, 38.5070

Deuteranomaly

62.5061, 63.9671, 39.1894

Tritanomaly

62.0458, 63.6123, 60.6380

Monochromacy



Original Color

57.8263, 64.1057, 39.0316

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.6341, 63.0377, 56.0908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8263, 64.1057, 39.0316 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(217, 212, 152)` looks like.

```
.text, #text, p{  
    color:rgb(217, 212, 152)  
}
```

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(217, 212, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 212, 152) }
```

Border

The CSS property to change the border of an element to XYZ 57.8263, 64.1057, 39.0316 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(217, 212, 152) }
```


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

```
.border{ border-color:rgb(217, 212, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 212, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 212, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 212, 152);  
box-shadow:4px 4px 4px 4px rgb(217, 212,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8263, 64.1057, 39.0316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 212, 152) }
```

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

```
.background{ background-color: rgb(217,  
212, 152) }
```

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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