

Converting Colors

XYZ(58.6104, 64.5857, 42.6406)

Have a look what the booklet for
XYZ(58.6104, 64.5857, 42.6406)
contains.

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Color

**XYZ(58.5039, 64.3767,
42.6002)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D4A0
RGB	217, 212, 160
RGB Percent	85%, 83%, 63%
CMY	0.1490, 0.1686, 0.3725
CMYK	0.00, 0.02, 0.26, 0.15
HSL	55°, 43%, 74%
HSV	55°, 26%, 85%
XYZ	58.5039, 64.3767, 42.6002
YIQ	207.5670, 19.6720, -15.1120

Conversions

Conversions Part 2

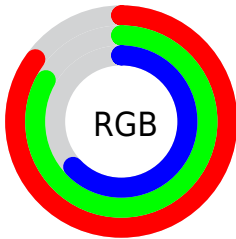
Format	Color
RYB	165, 217, 160
Decimal	14275744
CIELab	84.16, -6.41, 26.41
CIELCh	84, 27.180, 103.636
Yxy	64.3767, 0.3535, 0.3890
Android (android.graphics.Color)	4292465824 (0xFFD9D4A0)
YUV	207.5670, -23.4505, 8.2727
Hunter-Lab	80.2351, -10.2571, 24.6850

Details

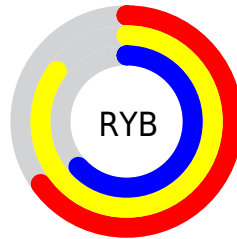
The XYZ color **58.5039, 64.3767, 42.6002** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.4766, 39.3927, 71.1161**, and the grayscale version is **59.8133, 62.9282, 68.5288**.

A 20% lighter version of the original color is **89.2657, 97.6863, 78.4405**, and **29.6316, 33.1135, 19.0172** is the 20% darker color. If you saturate the color by 10%, you get **56.2970, 62.7400, 33.3024**, and if you desaturate by 10%, it is **61.0512, 66.1630, 53.6477**.

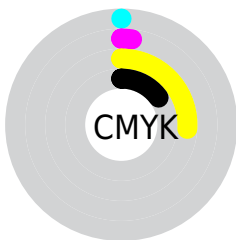
Distribution



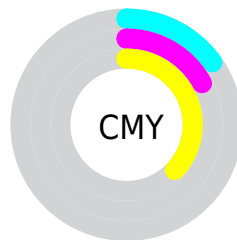
- Red (85%)
- Green (83%)
- Blue (63%)



- Red (65%)
- Yellow (85%)
- Blue (63%)



- Cyan (0%)
- Magenta (2%)
- Yellow (26%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5039, 64.3767, 42.6002 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 58.5039, 64.3767, 42.6002 by changing the saturation by 10% instead.

■ 58.5039, 64.3767,
42.6002

■ 58.5039, 64.3767,
42.6002

408.9846,
440.5487, 372.8378

■ 42.4587, 46.9558,
29.2425

■ 101.7750,
111.1533, 80.3871

■ 29.6533, 33.0008,
19.0172

■ 129.7317,
141.2778, 105.6533

■ 19.7224, 22.1270,
11.5057

162.3896,
176.4056, 135.7261

■ 12.3005, 13.9503,
6.2897

200.1141,
216.9212, 171.0240

■ 7.0223, 8.0861,
2.9504

243.2704,
263.2089, 211.9656

■ 3.5225, 4.1501,
1.0694

292.2241,

■ 1.4357, 1.7579,

315.6531, 258.9694

0.0000

347.3404,
374.6383, 312.4540

■ 0.2815, 0.4607,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5039, 64.3767,
42.6002

■ 58.5039, 64.3767,
42.6002

■ 56.2970, 62.7400,
33.3024

■ 61.0512, 66.1630,
53.6477

■ 54.4081, 61.2372,
25.6595

■ 63.9497, 68.0965,
66.5249

■ 52.8202, 59.8637,
19.5740

■ 67.2163, 70.1863,
81.3118

■ 51.5125, 58.6111,
14.9366

■ 70.8648, 72.4379,
98.0826

■ 50.4615, 57.4701,
11.6235

■ 72.6576, 73.9563,
105.0533

■ 49.6397, 56.4295,
9.4908

■ 73.1641, 74.9692,
105.2221

■ 49.0129, 55.4757,
8.3573

■ 73.6763, 75.9936,
105.3928

■ 48.8058, 55.1327,
8.0693

■ 74.1942, 77.0295,
105.5655

■ 74.7179, 78.0768,
105.7400

Harmonies

Analogous

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



64.5021, 64.3767, 42.8935



58.5039, 64.3767, 42.6002



53.5548, 64.3767, 48.7668

Triad

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



58.5039, 64.3767, 42.6002



53.1996, 64.3767, 95.5048



72.9597, 64.3767, 79.8395

Complementary

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



58.5039, 64.3767, 42.6002



40.4766, 39.3927, 71.1161

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.



69.5144, 64.3767, 96.8807



58.5039, 64.3767, 42.6002



57.9896, 64.3767, 106.8883

Square

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



58.5039, 64.3767, 42.6002



50.6305, 64.3767, 78.1910



63.9532, 64.3767, 107.4295



73.1199, 64.3767, 62.5786

Rectangle

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



58.5039, 64.3767, 42.6002



51.4068, 64.3767, 56.4013



63.9532, 64.3767, 107.4295



72.1376, 64.3767, 85.8438

Sweetspot

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



58.5056, 64.3796, 42.6016



91.3700, 97.6197, 92.3214



48.0421, 42.6363, 41.6307



19.4171, 20.8023, 19.1362



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.



58.5056, 64.3796, 42.6016



82.3427, 91.3348, 53.0279



53.4580, 63.6600, 42.7287



14.0596, 15.0585, 13.8911



29.5840, 33.4535, 4.8979



1.9458, 2.2258, 0.3271

Inverse Universe

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



40.4766, 39.3927, 71.1161



51.8048, 49.0153, 101.3382



44.5768, 40.1950, 71.0548



12.4300, 12.7997, 16.4676



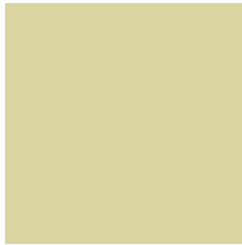
7.7552, 3.3798, 39.9820



0.5348, 0.2838, 2.6010

Previews

White Background



This preview shows how the XYZ color 58.5039, 64.3767, 42.6002 looks on a white background.

Color Contrast Check

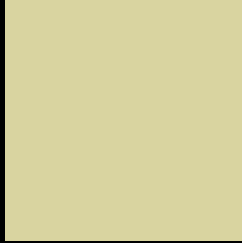
Large Text (above 18pt) WCAG AA × Fail

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 58.5039, 64.3767, 42.6002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

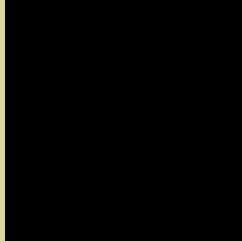
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

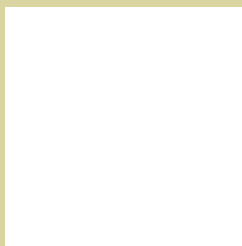
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5039, 64.3767, 42.6002

Background



This preview shows how black text looks on a background with the XYZ color 58.5039, 64.3767, 42.6002.



This preview shows how white text looks on a background with the XYZ color 58.5039, 64.3767,

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

58.5039, 64.3767, 42.6002

Protanopia

60.3559, 64.6039, 42.0896

Deuteranopia

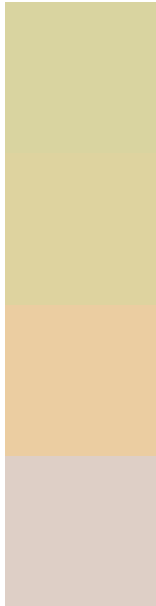
65.4143, 63.9748, 43.0831



Tritanopia

65.5625, 64.3606, 76.6775

Trichromacy



Original Color

58.5039, 64.3767, 42.6002

Protanomaly

59.6765, 64.6213, 42.1288

Deuteranomaly

62.5253, 63.8980, 42.7563

Tritanomaly

62.6301, 64.2325, 62.5232

Monochromacy



Original Color

58.5039, 64.3767, 42.6002

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.0684, 63.2114, 58.3780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5039, 64.3767, 42.6002 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(217, 212, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 212, 160) }
```

Border

The CSS property to change the border of an element to XYZ 58.5039, 64.3767, 42.6002 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, 160) }
```


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

```
.border{ border-color:rgb(217, 212, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 212, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 212, 160);  
box-shadow:4px 4px 4px 4px rgb(217, 212,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5039, 64.3767, 42.6002 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, 160) }
```

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

```
.background{ background-color: rgb(217,  
212, 160) }
```

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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