

Converting Colors

XYZ(61.3011, 65.9084, 39.3549)

Have a look what the booklet for
XYZ(61.3011, 65.9084, 39.3549)
contains.

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Color

**XYZ(61.2059, 65.8479,
39.1898)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D498
RGB	228, 212, 152
RGB Percent	89%, 83%, 60%
CMY	0.1059, 0.1686, 0.4039
CMYK	0.00, 0.07, 0.33, 0.11
HSL	47°, 58%, 75%
HSV	47°, 33%, 89%
XYZ	61.2059, 65.8479, 39.1898
YIQ	209.9440, 28.7960, -15.2680

Conversions

Conversions Part 2

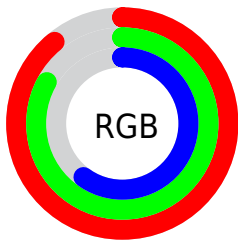
Format	Color
RYB	172, 228, 152
Decimal	14996632
CIELab	84.92, -3.22, 31.73
CIElCh	85, 31.895, 95.798
Yxy	65.8479, 0.3682, 0.3961
Android (android.graphics.Color)	4293186712 (0xFFE4D498)
YUV	209.9440, -28.5664, 15.8351
Hunter-Lab	81.1467, -7.3710, 28.1686

Details

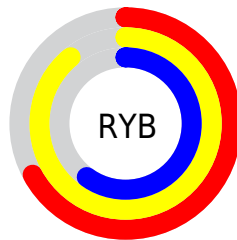
The XYZ color **61.2059, 65.8479, 39.1898** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.9549, 40.2811, 79.0154**, and the grayscale version is **61.3915, 64.5887, 70.3371**.

A 20% lighter version of the original color is **88.2625, 97.2850, 73.1574**, and **31.5404, 34.1445, 16.9848** is the 20% darker color. If you saturate the color by 10%, you get **58.3339, 62.8105, 29.8885**, and if you desaturate by 10%, it is **64.4758, 69.1062, 50.3962**.

Distribution



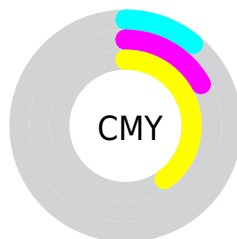
- Red (89%)
- Green (83%)
- Blue (60%)



- Red (67%)
- Yellow (89%)
- Blue (60%)



- Cyan (0%)
- Magenta (7%)
- Yellow (33%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2059, 65.8479, 39.1898 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 61.2059, 65.8479, 39.1898 by changing the saturation by 10% instead.

61.2059, 65.8479,
39.1898

61.2059, 65.8479,
39.1898

418.7924,
445.8327, 358.1468

44.6445, 48.1489,
26.5984

105.6734,
113.2680, 75.1517

31.3776, 33.9449,
17.0421

134.3103,
143.7579, 99.3594

21.0398, 22.8512,
10.1022

167.7031,
179.2803, 128.2762

13.2657, 14.4837,
5.3603

206.2170,
220.2195, 162.3207

7.6900, 8.4578,
2.3978

250.2176,
266.9600, 201.9115

3.9474, 4.3893,
0.7852

300.0701,

1.6724, 1.8936,

319.8861, 247.4671

0.0000

356.1399,
379.3822, 299.4060

■ 0.4389, 0.5445,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2059, 65.8479,
39.1898

■ 61.2059, 65.8479,
39.1898

■ 58.3339, 62.8105,
29.8885

■ 64.4758, 69.1062,
50.3962

■ 55.8340, 59.9761,
22.3793


■ 68.1581, 72.5846,
63.6037


■ 53.6848, 57.3381,
16.5439


■ 72.2722, 76.2938,
78.9068


■ 51.8603, 54.8856,
12.2476


■ 76.8350, 80.2410,
96.3926

 50.3309, 52.6061,
9.3352


 80.0399, 83.7038,
106.5456


 49.0605, 50.4847,
7.6183

 81.4401, 86.5043,
107.0124

 48.3194, 49.1428,
6.9388

 82.8777, 89.3795,
107.4916

 84.3530, 92.3301,
107.9834

 85.8050, 95.2340,
108.4673

Harmonies

Analogous

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



68.4016, 65.8479, 41.4124



61.2059, 65.8479, 39.1898



54.8741, 65.8479, 44.2369

Triad

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



61.2059, 65.8479, 39.1898



52.0711, 65.8479, 97.3211



76.0020, 65.8479, 89.1057

Complementary

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



61.2059, 65.8479, 39.1898



40.9549, 40.2811, 79.0154

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.



70.9896, 65.8479, 108.6666



61.2059, 65.8479, 39.1898



57.1106, 65.8479, 114.0075

Square

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



61.2059, 65.8479, 39.1898



49.8647, 65.8479, 75.7546



63.9876, 65.8479, 118.5119



77.3065, 65.8479, 67.7872

Rectangle

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



61.2059, 65.8479, 39.1898



51.8767, 65.8479, 51.7396



63.9876, 65.8479, 118.5119



74.6772, 65.8479, 96.2220

Sweetspot

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



61.2076, 65.8509, 39.1912



89.5246, 95.0886, 88.1308



50.3352, 41.7958, 42.6894



19.0056, 20.2104, 18.2870



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.



61.2076, 65.8509, 39.1912



76.2798, 82.1400, 41.9712



58.9947, 70.9428, 40.2906



15.3306, 16.2751, 15.2379



27.9900, 28.5542, 4.0363



2.1330, 2.2394, 0.3198

Inverse Universe

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



40.9549, 40.2811, 79.0154



46.4133, 44.4451, 100.7403



42.5843, 37.0039, 78.2970



13.8274, 14.3762, 18.1904



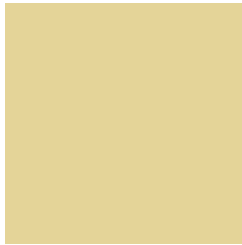
8.7655, 4.5932, 42.8077



0.7142, 0.4723, 3.1855

Previews

White Background



This preview shows how the XYZ color 61.2059, 65.8479, 39.1898 looks on a white background.

Color Contrast Check

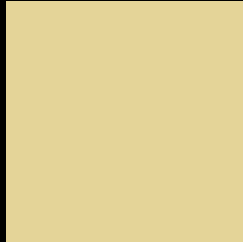
Large Text (above 18pt) WCAG AA × Fail

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 61.2059, 65.8479, 39.1898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

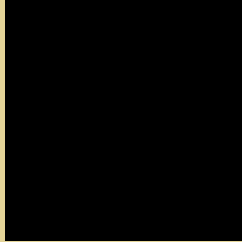
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2059, 65.8479, 39.1898

Background



This preview shows how black text looks on a background with the XYZ color 61.2059, 65.8479, 39.1898.



This preview shows how white text looks on a background with the XYZ color 61.2059, 65.8479,

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

61.2059, 65.8479, 39.1898

Protanopia

61.2059, 65.8479, 39.1898

Deuteranopia

66.9723, 65.5542, 39.6953



Tritanopia

68.7342, 65.6592, 76.0686

Trichromacy



Original Color

61.2059, 65.8479, 39.1898

Protanomaly

61.2059, 65.8479, 39.1898

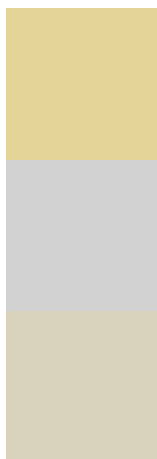
Deuteranomaly

64.7832, 65.4972, 39.3648

Tritanomaly

65.5259, 65.4064, 60.8009

Monochromacy



Original Color

61.2059, 65.8479, 39.1898

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.0948, 65.0144, 57.4731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2059, 65.8479, 39.1898 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(228, 212, 152)` looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 212, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 212, 152) }
```

Border

The CSS property to change the border of an element to XYZ 61.2059, 65.8479, 39.1898 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(228, 212, 152) }
```


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

```
.border{ border-color:rgb(228, 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(228, 212, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 212, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 212, 152);  
box-shadow:4px 4px 4px 4px rgb(228, 212,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2059, 65.8479, 39.1898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 212, 152) }
```

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

```
.background{ background-color: rgb(228,  
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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