

Converting Colors

XYZ(58.1205, 61.4195, 39.3653)

Have a look what the booklet for
XYZ(58.1205, 61.4195, 39.3653)
contains.

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Color

**XYZ(58.1661, 61.3661,
39.3510)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CC9A
RGB	224, 204, 154
RGB Percent	88%, 80%, 60%
CMY	0.1216, 0.2000, 0.3961
CMYK	0.00, 0.09, 0.31, 0.12
HSL	43°, 53%, 74%
HSV	43°, 31%, 88%
XYZ	58.1661, 61.3661, 39.3510
YIQ	204.2800, 27.9700, -11.3100

Conversions

Conversions Part 2

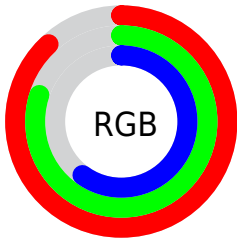
Format	Color
R _Y B	182, 224, 154
Decimal	14732442
CIE Lab	82.58, -0.39, 27.50
CIE LCh	83, 27.499, 90.813
Yxy	61.3661, 0.3661, 0.3862
Android (android.graphics.Color)	4292922522 (0xFFE0CC9A)
YUV	204.2800, -24.7880, 17.2944
Hunter-Lab	78.3365, -4.5498, 25.0523

Details

The XYZ color **58.1661, 61.3661, 39.3510** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.9168, 42.5228, 76.5197**, and the grayscale version is **57.7125, 60.7180, 66.1219**.

A 20% lighter version of the original color is **88.5086, 97.3834, 74.4536**, and **29.4531, 31.0968, 17.0203** is the 20% darker color. If you saturate the color by 10%, you get **54.9826, 57.7112, 29.9287**, and if you desaturate by 10%, it is **61.7634, 65.2908, 50.6302**.

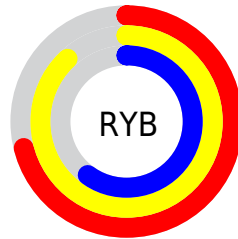
Distribution



Red (88%)

Green (80%)

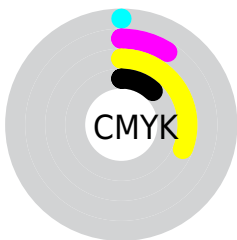
Blue (60%)



Red (71%)

Yellow (88%)

Blue (60%)

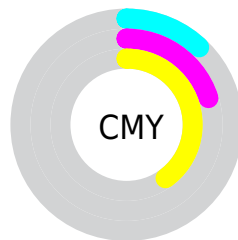


Cyan (0%)

Magenta (9%)

Yellow (31%)

Black (12%)



Cyan (12%)


Magenta (20%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1661, 61.3661, 39.3510 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 58.1661, 61.3661, 39.3510 by changing the saturation by 10% instead.


 58.1661, 61.3661,
39.3510


 58.1661, 61.3661,
39.3510

407.7485,
429.6151, 358.8509

 42.1860, 44.5207,
26.7230


 101.2863,
106.8088, 75.4005

 29.4387, 31.0801,
17.1347


 129.1570,
136.1750, 99.6590

 19.5589, 20.6598,
10.1676


161.7221,
170.4834, 128.6314

 12.1812, 12.8756,
5.4032

199.3467,
210.1187, 162.7362

 6.9403, 7.3429,
2.4229

242.3963,
255.4651, 202.3921

 3.4708, 3.6775,
0.7988

291.2362,

 1.4073, 1.4948,

306.9070, 248.0174

0.0000

346.2318,
364.8289, 300.0309

■ 0.2614, 0.2851,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1661, 61.3661,
39.3510

■ 58.1661, 61.3661,
39.3510

■ 54.9826, 57.7112,
29.9287

■ 61.7634, 65.2908,
50.6302

■ 52.1881, 54.3085,
22.2570


■ 65.7884, 69.4856,
63.8570


■ 49.7621, 51.1508,
16.2248


■ 70.2601, 73.9614,
79.1206


■ 47.6799, 48.2270,
11.7064


■ 75.1948, 78.7258,
96.5038


 45.9136, 45.5246,
8.5579


 78.7854, 83.0571,
106.4869

 44.4296, 43.0291,
6.6071

 80.6608, 86.8078,
107.1121

 43.3141, 40.9944,
5.6298

 82.6029, 90.6920,
107.7594

 84.5506, 94.5873,
108.4086

Harmonies

Analogous

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



64.0254, 61.3661, 42.3134



58.1661, 61.3661, 39.3510



52.7159, 61.3661, 42.6537

Triad

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



58.1661, 61.3661, 39.3510



49.1311, 61.3661, 84.8457



68.7827, 61.3661, 83.9145

Complementary

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



58.1661, 61.3661, 39.3510



41.9168, 42.5228, 76.5197

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.



64.3220, 61.3661, 98.7224



58.1661, 61.3661, 39.3510



52.9765, 61.3661, 99.3206

Square

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



58.1661, 61.3661, 39.3510



47.7200, 61.3661, 67.2785



58.4875, 61.3661, 104.7768



70.3988, 61.3661, 66.3581

Rectangle

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



58.1661, 61.3661, 39.3510



49.9819, 61.3661, 48.3479



58.4875, 61.3661, 104.7768



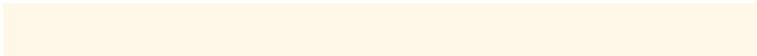
67.5520, 61.3661, 89.4768

Sweetspot

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



58.1677, 61.3689, 39.3523



89.5168, 94.4975, 89.9030



50.0345, 42.0544, 46.0384



18.9789, 20.0423, 18.6316



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.



58.1677, 61.3689, 39.3523



75.3992, 79.3348, 44.8958



59.0672, 69.3464, 40.8447



14.5237, 15.3333, 14.5009



25.3146, 24.0670, 3.3112



1.8299, 1.8186, 0.2546

Inverse Universe

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



41.9168, 42.5228, 76.5197



50.5755, 50.5568, 101.7006



41.1593, 36.8187, 75.4586



13.2693, 13.8778, 17.3670



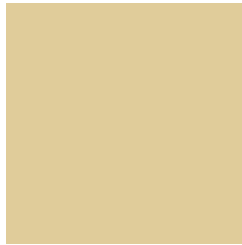
8.9832, 5.4360, 41.6242



0.6977, 0.5269, 2.9102

Previews

White Background



This preview shows how the XYZ color 58.1661, 61.3661, 39.3510 looks on a white background.

Color Contrast Check

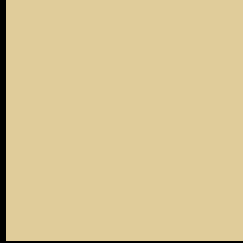
Large Text (above 18pt) WCAG AA × Fail

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 58.1661, 61.3661, 39.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

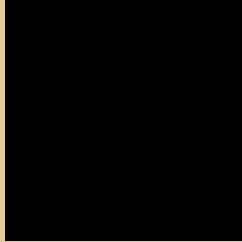
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

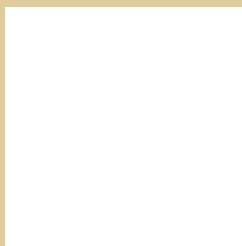
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1661, 61.3661, 39.3510

Background



This preview shows how black text looks on a background with the XYZ color 58.1661, 61.3661, 39.3510.



This preview shows how white text looks on a background with the XYZ color 58.1661, 61.3661,

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

58.1661, 61.3661, 39.3510

Protanopia

57.2629, 61.2448, 39.8137

Deuteranopia

62.5006, 61.1763, 39.5244



Tritanopia

64.5786, 61.2222, 70.7008

Trichromacy



Original Color

58.1661, 61.3661, 39.3510

Protanomaly

57.5665, 61.4014, 39.8279

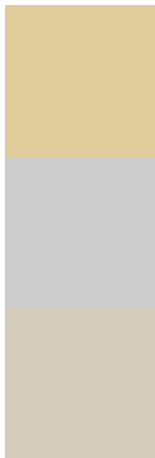
Deuteranomaly

60.8316, 61.3373, 39.6435

Tritanomaly

61.8223, 61.1024, 57.8258

Monochromacy



Original Color

58.1661, 61.3661, 39.3510

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.3198, 60.5798, 55.1264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1661, 61.3661, 39.3510 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(224, 204, 154)` looks like.

```
.text, #text, p{  
    color:rgb(224, 204, 154)  
}
```

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(224, 204, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 204, 154) }
```

Border

The CSS property to change the border of an element to XYZ 58.1661, 61.3661, 39.3510 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(224, 204, 154) }
```


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

```
.border{ border-color:rgb(224, 204, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 204, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 204, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 204, 154);  
box-shadow:4px 4px 4px 4px rgb(224, 204,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1661, 61.3661, 39.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 204, 154) }
```

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

```
.background{ background-color: rgb(224,  
204, 154) }
```

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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