

Converting Colors

XYZ(57.0668, 61.2638, 30.5349)

Have a look what the booklet for
XYZ(57.0668, 61.2638, 30.5349)
contains.

XYZ(57.0475, 61.3361, 30.6621)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.0475, 61.3361,
30.6621)**

Conversions

Conversions Part 1

Format	Color
Hex	E1CD84
RGB	225, 205, 132
RGB Percent	88%, 80%, 52%
CMY	0.1176, 0.1961, 0.4823
CMYK	0.00, 0.09, 0.41, 0.12
HSL	47°, 61%, 70%
HSV	47°, 41%, 88%
XYZ	57.0475, 61.3361, 30.6621
YIQ	202.6580, 35.3530, -18.4630

Conversions

Conversions Part 2

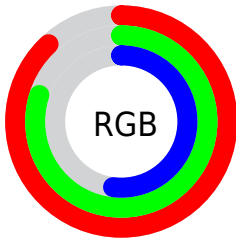
Format	Color
RYB	157, 225, 132
Decimal	14798212
CIELab	82.56, -3.06, 38.84
CIELCh	83, 38.957, 94.505
Yxy	61.3361, 0.3828, 0.4115
Android (android.graphics.Color)	4292988292 (0xFFE1CD84)
YUV	202.6580, -34.8344, 19.5939
Hunter-Lab	78.3174, -7.0334, 31.6095

Details

The XYZ color **57.0475, 61.3361, 30.6621** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.3343, 32.7972, 75.7550**, and the grayscale version is **56.7475, 59.7028, 65.0163**.

A 20% lighter version of the original color is **85.8629, 96.3252, 60.5215**, and **28.7003, 31.0521, 12.2656** is the 20% darker color. If you saturate the color by 10%, you get **54.5320, 58.5091, 23.0294**, and if you desaturate by 10%, it is **59.9339, 64.3732, 40.0580**.

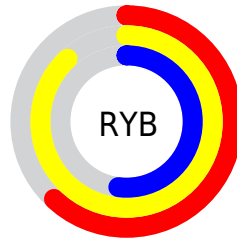
Distribution



Red (88%)

Green (80%)

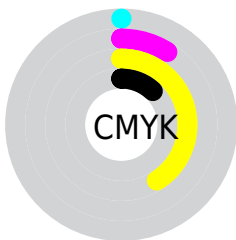
Blue (52%)



Red (62%)

Yellow (88%)

Blue (52%)

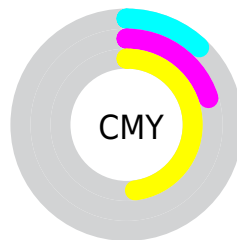


Cyan (0%)

Magenta (9%)

Yellow (41%)

Black (12%)



Cyan (12%)

Magenta (20%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0475, 61.3361, 30.6621 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 57.0475, 61.3361, 30.6621 by changing the saturation by 10% instead.

■ 57.0475, 61.3361,
30.6621

■ 57.0475, 61.3361,
30.6621

403.6386,
429.5053, 319.2814

■ 41.2837, 44.4965,
20.0854

■ 99.6655, 106.7654,
61.7810

■ 28.7295, 31.0610,
12.2724

■ 127.2503,
136.1239, 83.1603

■ 19.0195, 20.6453,
6.8047

■ 159.5062,
170.4242, 108.9775

■ 11.7885, 12.8650,
3.2637

196.7984,
210.0505, 139.6512

■ 6.6710, 7.3356,
1.2308

239.4924,
255.3874, 175.5999

■ 3.3017, 3.6729,
0.0040

287.9536,

■ 1.3152, 1.4923,

306.8193, 217.2421

0.0000

342.5472,
364.7304, 264.9965

■ 0.1946, 0.2833,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0475, 61.3361,
30.6621

■ 57.0475, 61.3361,
30.6621

■ 54.5320, 58.5091,
23.0294

■ 59.9339, 64.3732,
40.0580

■ 52.3610, 55.8744,
17.0424


■ 63.2065, 67.6203,
51.3168


■ 50.5116, 53.4245,
12.5755


■ 66.8854, 71.0882,
64.5352

■ 48.9558, 51.1478,
9.4830


■ 70.9877, 74.7841,
79.8021

 47.6602, 49.0304,
7.5907


 75.5295, 78.7151,
97.2009

 46.6996, 47.3042,
6.6693

 78.5327, 82.0904,
106.3137

 79.9291, 84.8831,
106.7791

 81.3633, 87.7515,
107.2572

 82.8357, 90.6964,
107.7480

Harmonies

Analogous

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



65.4777, 61.3361, 33.3125



57.0475, 61.3361, 30.6621



49.6766, 61.3361, 35.6335

Triad

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



57.0475, 61.3361, 30.6621



46.0549, 61.3361, 96.3296



74.0059, 61.3361, 88.5708

Complementary

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



57.0475, 61.3361, 30.6621



34.3343, 32.7972, 75.7550

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.



67.8635, 61.3361, 112.2382



57.0475, 61.3361, 30.6621



51.6636, 61.3361, 117.4153

Square

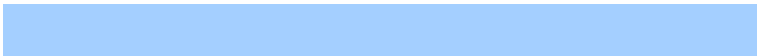
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.0475, 61.3361, 30.6621



43.7265, 61.3361, 70.4575



59.5669, 61.3361, 123.8378



75.7931, 61.3361, 63.2415

Rectangle

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



57.0475, 61.3361, 30.6621



46.1910, 61.3361, 43.5072



59.5669, 61.3361, 123.8378



72.3551, 61.3361, 97.1623

Sweetspot

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



57.0490, 61.3389, 30.6634



88.4459, 94.0576, 84.2991



44.9828, 34.7826, 34.1138



18.7879, 19.9995, 17.5222



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.



57.0490, 61.3389, 30.6634



72.7336, 78.0658, 31.4847



54.5508, 67.6107, 32.0056



14.6086, 15.5032, 14.5292



26.9991, 27.4361, 3.8727



1.9344, 2.0277, 0.2894

Inverse Universe

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



34.3343, 32.7972, 75.7550



38.5838, 35.1839, 99.3653



36.0120, 29.2442, 74.9807



13.1897, 13.7186, 17.3405



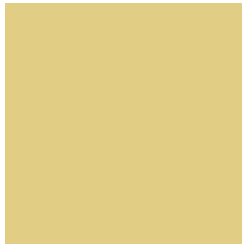
8.5192, 4.5079, 41.4695



0.6559, 0.4433, 2.8962

Previews

White Background



This preview shows how the XYZ color 57.0475, 61.3361, 30.6621 looks on a white background.

Color Contrast Check

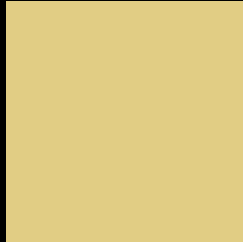
Large Text (above 18pt) WCAG AA × Fail

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 57.0475, 61.3361, 30.6621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

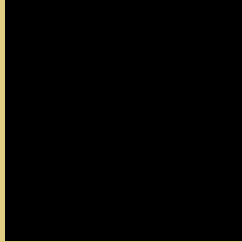
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0475, 61.3361, 30.6621

Background



This preview shows how black text looks on a background with the XYZ color 57.0475, 61.3361, 30.6621.



This preview shows how white text looks on a background with the XYZ color 57.0475, 61.3361,

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

57.0475, 61.3361, 30.6621

Protanopia

56.7366, 61.1759, 30.6476

Deuteranopia

62.4008, 60.9752, 31.0348



Tritanopia

64.8773, 61.0570, 69.9938

Trichromacy



Original Color

57.0475, 61.3361, 30.6621

Protanomaly

56.7366, 61.1759, 30.6476

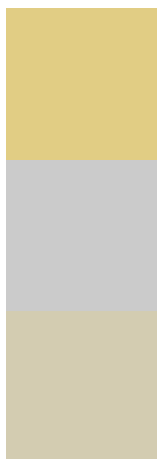
Deuteranomaly

60.2537, 60.8910, 30.7677

Tritanomaly

61.5000, 61.0472, 52.7979

Monochromacy



Original Color

57.0475, 61.3361, 30.6621

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.3926, 60.2089, 50.2442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0475, 61.3361, 30.6621 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(225, 205, 132)` looks like.

```
.text, #text, p{  
    color:rgb(225, 205, 132)  
}
```

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(225, 205, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 205, 132) }
```

Border

The CSS property to change the border of an element to XYZ 57.0475, 61.3361, 30.6621 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(225, 205, 132) }
```


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

```
.border{ border-color:rgb(225, 205, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 205, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 205, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 205, 132);  
box-shadow:4px 4px 4px 4px rgb(225, 205,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0475, 61.3361, 30.6621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 205, 132) }
```

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

```
.background{ background-color: rgb(225,  
205, 132) }
```

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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