

Converting Colors

XYZ(62.1114, 67.1514, 38.7324)

Have a look what the booklet for
XYZ(62.1114, 67.1514, 38.7324)
contains.

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Color

**XYZ(61.8647, 66.9532,
38.5168)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D696
RGB	229, 214, 150
RGB Percent	90%, 84%, 59%
CMY	0.1020, 0.1608, 0.4118
CMYK	0.00, 0.07, 0.34, 0.10
HSL	49°, 60%, 74%
HSV	49°, 34%, 90%
XYZ	61.8647, 66.9532, 38.5168
YIQ	211.1890, 29.4840, -16.7240

Conversions

Conversions Part 2

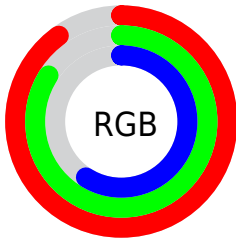
Format	Color
R _Y B	169, 229, 150
Decimal	15062678
CIE Lab	85.48, -4.10, 33.52
CIE LCh	85, 33.769, 96.972
Yxy	66.9532, 0.3697, 0.4001
Android (android.graphics.Color)	4293252758 (0xFFE5D696)
YUV	211.1890, -30.1662, 15.6202
Hunter-Lab	81.8249, -8.2366, 29.3683

Details

The XYZ color **61.8647, 66.9532, 38.5168** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.1754, 39.0503, 79.5488**, and the grayscale version is **62.2228, 65.4632, 71.2895**.

A 20% lighter version of the original color is **88.0194, 97.1878, 71.8776**, and **31.6160, 34.4488, 16.5382** is the 20% darker color. If you saturate the color by 10%, you get **59.1131, 64.1182, 29.3740**, and if you desaturate by 10%, it is **65.0094, 69.9972, 49.5700**.

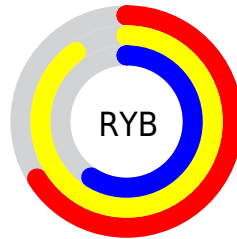
Distribution



Red (90%)

Green (84%)

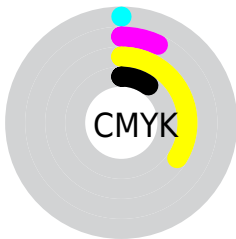
Blue (59%)



Red (66%)

Yellow (90%)

Blue (59%)

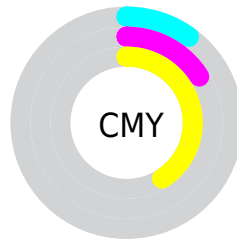


Cyan (0%)

Magenta (7%)

Yellow (34%)

Black (10%)



Cyan (10%)

Magenta (16%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8647, 66.9532, 38.5168 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 61.8647, 66.9532, 38.5168 by changing the saturation by 10% instead.

61.8647, 66.9532,
38.5168

61.8647, 66.9532,
38.5168

421.1628,
449.7782, 355.1962

45.1786, 49.0466,
26.0791

106.6210,
114.8533, 74.1118

31.8000, 34.6564,
16.6565

135.4219,
145.6157, 98.1061

21.3636, 23.3984,
9.8305

168.9917,
181.4320, 126.7897

13.5040, 14.8879,
5.1826

207.6959,
222.6868, 160.5812

7.8559, 8.7408,
2.2942

251.8997,
269.7645, 199.8990

4.0539, 4.5725,
0.7280

301.9686,

1.7327, 1.9987,

323.0493, 245.1618

0.0000

358.2678,
382.9257, 296.7880

■ 0.4766, 0.6067,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8647, 66.9532,
38.5168

■ 61.8647, 66.9532,
38.5168

■ 59.1131, 64.1182,
29.3740

■ 65.0094, 69.9972,
49.5700

■ 56.7284, 61.4742,
22.0264

■ 68.5617, 73.2492,
62.6314

■ 54.6885, 59.0143,
16.3526

■ 72.5416, 76.7199,
77.7975

■ 52.9672, 56.7278,
12.2147

■ 76.9662, 80.4164,
95.1568

■ 51.5337, 54.6019,
9.4526

■ 80.2833, 83.7184,
106.5356

■ 50.3509, 52.6213,
7.8706

■ 81.5482, 86.2482,
106.9573

■ 49.7742, 51.5803,
7.3326

■ 82.8438, 88.8393,
107.3891

■ 84.1702, 91.4922,
107.8313

■ 85.5277, 94.2072,
108.2838

Harmonies

Analogous

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



69.5783, 66.9532, 40.5457



61.8647, 66.9532, 38.5168



55.1781, 66.9532, 44.1105

Triad

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



61.8647, 66.9532, 38.5168



52.5733, 66.9532, 101.3475



78.1876, 66.9532, 90.6904

Complementary

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



61.8647, 66.9532, 38.5168



40.1754, 39.0503, 79.5488

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.



72.9190, 66.9532, 112.0906



61.8647, 66.9532, 38.5168



58.0439, 66.9532, 119.0556

Square

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



61.8647, 66.9532, 38.5168



50.0999, 66.9532, 78.1452



65.4428, 66.9532, 123.3377



79.4162, 66.9532, 67.8961

Rectangle

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



61.8647, 66.9532, 38.5168



52.0627, 66.9532, 52.2295



65.4428, 66.9532, 123.3377



76.8109, 66.9532, 98.4122

Sweetspot

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



61.8664, 66.9563, 38.5182



89.6881, 95.4158, 88.1853



50.0845, 41.2173, 41.2971



19.0454, 20.2900, 18.3002



0.0000, 0.0000, 0.0000



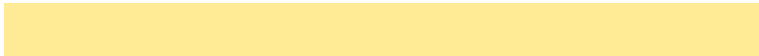
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.8664, 66.9563, 38.5182



76.5344, 82.9826, 41.0280



58.7844, 71.2627, 39.5119



15.3569, 16.3277, 15.2466



28.5425, 29.6591, 4.2204



2.1693, 2.3119, 0.3319

Inverse Universe

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



40.1754, 39.0503, 79.5488



45.1405, 42.6066, 100.4525



42.4387, 36.4349, 78.9247



13.8031, 14.3276, 18.1823



8.6548, 4.3717, 42.7708



0.7026, 0.4492, 3.1816

Previews

White Background



This preview shows how the XYZ color 61.8647, 66.9532, 38.5168 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 61.8647, 66.9532, 38.5168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

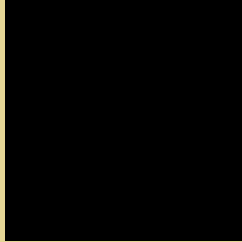
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8647, 66.9532, 38.5168

Background



This preview shows how black text looks on a background with the XYZ color 61.8647, 66.9532, 38.5168.



This preview shows how white text looks on a background with the XYZ color 61.8647, 66.9532,

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

61.8647, 66.9532, 38.5168

Protanopia

62.2543, 66.7794, 38.4627

Deuteranopia

68.3719, 67.0005, 39.0346



Tritanopia

69.8075, 66.8876, 77.6380

Trichromacy



Original Color

61.8647, 66.9532, 38.5168

Protanomaly

61.9324, 66.6135, 38.4477

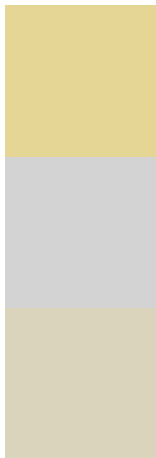
Deuteranomaly

65.7980, 66.7586, 38.6959

Tritanomaly

66.3379, 66.5443, 60.9777

Monochromacy



Original Color

61.8647, 66.9532, 38.5168

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.6422, 65.6665, 57.5701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8647, 66.9532, 38.5168 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(229, 214, 150)` looks like.

```
.text, #text, p{  
    color:rgb(229, 214, 150)  
}
```

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(229, 214, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 214, 150) }
```

Border

The CSS property to change the border of an element to XYZ 61.8647, 66.9532, 38.5168 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(229, 214, 150) }
```


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

```
.border{ border-color:rgb(229, 214, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 214, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 214, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 214, 150);  
box-shadow:4px 4px 4px 4px rgb(229, 214,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8647, 66.9532, 38.5168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 214, 150) }
```

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

```
.background{ background-color: rgb(229,  
214, 150) }
```

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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