

Converting Colors

XYZ(61.7727, 66.5496, 37.6066)

Have a look what the booklet for
XYZ(61.7727, 66.5496, 37.6066)
contains.

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Color

**XYZ(61.7727, 66.5496,
37.6066)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D594
RGB	230, 213, 148
RGB Percent	90%, 84%, 58%
CMY	0.0980, 0.1647, 0.4196
CMYK	0.00, 0.07, 0.36, 0.10
HSL	48°, 62%, 74%
HSV	48°, 36%, 90%
XYZ	61.7727, 66.5496, 37.6066
YIQ	210.6730, 30.9970, -16.6110

Conversions

Conversions Part 2

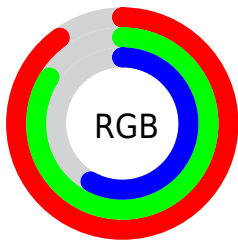
Format	Color
R _Y B	169, 230, 148
Decimal	15127956
CIE Lab	85.28, -3.43, 34.29
CIE LCh	85, 34.461, 95.718
Yxy	66.5496, 0.3723, 0.4011
Android (android.graphics.Color)	4293318036 (0xFFE6D594)
YUV	210.6730, -30.8978, 16.9498
Hunter-Lab	81.5779, -7.5971, 29.7725

Details

The XYZ color **61.7727, 66.5496, 37.6066** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.9506, 38.9183, 80.2694**, and the grayscale version is **61.8856, 65.1084, 70.9031**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **31.7430, 34.5250, 16.0573** is the 20% darker color. If you saturate the color by 10%, you get **58.9492, 63.5321, 28.5587**, and if you desaturate by 10%, it is **64.9966, 69.7884, 48.5740**.

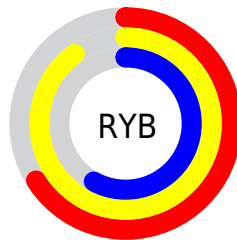
Distribution



Red (90%)

Green (84%)

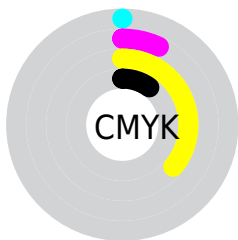
Blue (58%)



Red (66%)

Yellow (90%)

Blue (58%)

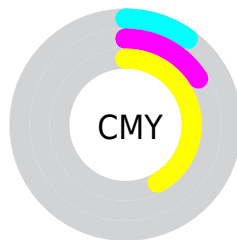


Cyan (0%)

Magenta (7%)

Yellow (36%)

Black (10%)



Cyan (10%)

Magenta (16%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7727, 66.5496, 37.6066 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 61.7727, 66.5496, 37.6066 by changing the saturation by 10% instead.

61.7727, 66.5496,
37.6066

61.7727, 66.5496,
37.6066

420.8323,
448.3399, 351.1768

45.1040, 48.7187,
25.3780

106.4887,
114.2748, 72.7015

31.7410, 34.3964,
16.1374

135.2668,
144.9379, 96.4049

21.3183, 23.1983,
9.4660

168.8119,
180.6471, 124.7703

13.4707, 14.7400,
4.9454

207.4896,
221.7870, 158.2163

7.8327, 8.6371,
2.1571

251.6651,
268.7417, 197.1614

4.0390, 4.5052,
0.6494

301.7038,

1.7242, 1.9600,

321.8959, 242.0242

0.0000

357.9711,
381.6338, 293.2231

■ 0.4713, 0.5841,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7727, 66.5496,
37.6066

■ 61.7727, 66.5496,
37.6066

■ 58.9492, 63.5321,
28.5587

■ 64.9966, 69.7884,
48.5740

■ 56.4992, 60.7176,
21.3128

■ 68.6358, 73.2478,
61.5610

■ 54.4002, 58.0990,
15.7446

■ 72.7108, 76.9388,
76.6656

■ 52.6252, 55.6648,
11.7124

■ 77.2389, 80.8688,
93.9782

■ 51.1423, 53.4020,
9.0511

■ 80.9210, 84.5187,
106.6565

■ 49.9127, 51.2944,
7.5573

■ 82.3184, 87.3134,
107.1223

■ 49.4292, 50.4151,
7.1259

■ 83.7527, 90.1821,
107.6004

■ 85.2242, 93.1251,
108.0909

■ 86.4432, 95.5630,
108.4972

Harmonies

Analogous

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



69.6160, 66.5496, 39.9678



61.7727, 66.5496, 37.6066



54.9049, 66.5496, 42.9119

Triad

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



61.7727, 66.5496, 37.6066



51.8537, 66.5496, 100.5037



77.9145, 66.5496, 91.5748

Complementary

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



61.7727, 66.5496, 37.6066



39.9506, 38.9183, 80.2694

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.



72.4080, 66.5496, 113.1734



61.7727, 66.5496, 37.6066



57.2908, 66.5496, 119.0251

Square

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



61.7727, 66.5496, 37.6066



49.4878, 66.5496, 76.8199



64.7576, 66.5496, 124.0820



79.3607, 66.5496, 68.2706

Rectangle

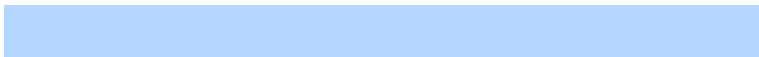
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.7727, 66.5496, 37.6066



51.6655, 66.5496, 50.8823



64.7576, 66.5496, 124.0820



76.4561, 66.5496, 99.4129

Sweetspot

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



61.7744, 66.5527, 37.6080



89.0316, 94.6700, 86.2175



50.0851, 40.7482, 41.1905



18.9079, 20.1281, 17.9058



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.



61.7744, 66.5527, 37.6080



75.3119, 81.1832, 38.6303



59.3095, 71.9638, 38.7824



15.3347, 16.2833, 15.2392



28.0746, 28.7234, 4.0645



2.1386, 2.2505, 0.3217

Inverse Universe

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



39.9506, 38.9183, 80.2694



43.8054, 41.3047, 100.2715



41.7190, 35.5780, 79.5314



13.8236, 14.3686, 18.1892



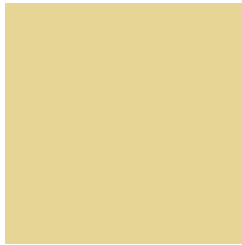
8.7476, 4.5573, 42.8018



0.7123, 0.4686, 3.1849

Previews

White Background



This preview shows how the XYZ color 61.7727, 66.5496, 37.6066 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 61.7727, 66.5496, 37.6066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

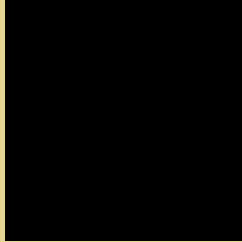
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7727, 66.5496, 37.6066

Background



This preview shows how black text looks on a background with the XYZ color 61.7727, 66.5496, 37.6066.

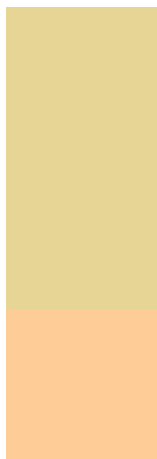


This preview shows how white text looks on a background with the XYZ color 61.7727, 66.5496,

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

61.7727, 66.5496, 37.6066

Protanopia

61.7727, 66.5496, 37.6066

Deuteranopia

67.9709, 66.4586, 38.0995



Tritanopia

69.7710, 66.5302, 76.8744

Trichromacy



Original Color

61.7727, 66.5496, 37.6066

Protanomaly

61.7727, 66.5496, 37.6066

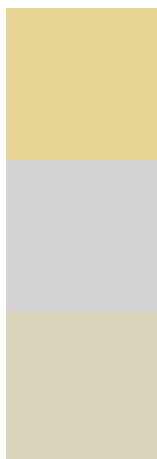
Deuteranomaly

65.3938, 66.2081, 37.7666

Tritanomaly

66.3114, 66.1829, 60.3185

Monochromacy



Original Color

61.7727, 66.5496, 37.6066

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.5340, 65.6232, 57.0003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7727, 66.5496, 37.6066 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(230, 213, 148)` looks like.

```
.text, #text, p{  
    color:rgb(230, 213, 148)  
}
```

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(230, 213, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 213, 148) }
```

Border

The CSS property to change the border of an element to XYZ 61.7727, 66.5496, 37.6066 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(230, 213, 148) }
```


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

```
.border{ border-color:rgb(230, 213, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 213, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 213, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 213, 148);  
box-shadow:4px 4px 4px 4px rgb(230, 213,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7727, 66.5496, 37.6066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 213, 148) }
```

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

```
.background{ background-color: rgb(230,  
213, 148) }
```

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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