

Converting Colors

XYZ(57.8220, 61.1710, 25.2955)

Have a look what the booklet for
XYZ(57.8220, 61.1710, 25.2955)
contains.

XYZ(57.7870, 61.1286, 25.2763)	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(57.7870, 61.1286,
25.2763)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CB74
RGB	232, 203, 116
RGB Percent	91%, 80%, 45%
CMY	0.0902, 0.2039, 0.5451
CMYK	0.00, 0.12, 0.50, 0.09
HSL	45°, 72%, 68%
HSV	45°, 50%, 91%
XYZ	57.7870, 61.1286, 25.2763
YIQ	201.7530, 45.2110, -20.9090

Conversions

Conversions Part 2

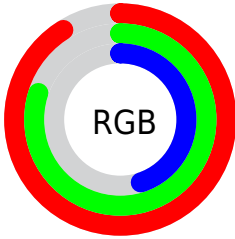
Format	Color
RYB	155, 232, 116
Decimal	15256436
CIELab	82.45, -0.77, 46.82
CIELCh	82, 46.826, 90.937
Yxy	61.1286, 0.4008, 0.4239
Android (android.graphics.Color)	4293446516 (0xFFE8CB74)
YUV	201.7530, -42.2762, 26.5266
Hunter-Lab	78.1848, -4.8926, 35.5615

Details

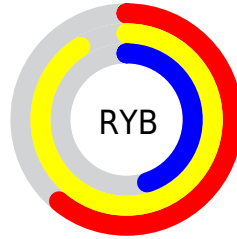
The XYZ color **57.7870, 61.1286, 25.2763** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **31.8930, 29.7889, 80.4125**, and the grayscale version is **56.2218, 59.1497, 64.4140**.

A 20% lighter version of the original color is **84.2557, 95.6823, 52.0580**, and **29.1571, 30.8752, 9.4238** is the 20% darker color. If you saturate the color by 10%, you get **55.2590, 57.9692, 18.5869**, and if you desaturate by 10%, it is **60.7062, 64.5310, 33.7599**.

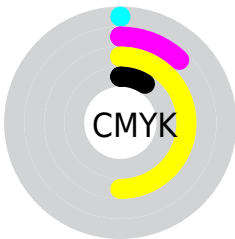
Distribution



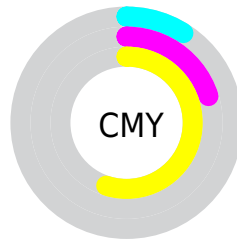
- Red (91%)
- Green (80%)
- Blue (45%)



- Red (61%)
- Yellow (91%)
- Blue (45%)



- Cyan (0%)
- Magenta (12%)
- Yellow (50%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7870, 61.1286, 25.2763 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 57.7870, 61.1286, 25.2763 by changing the saturation by 10% instead.

■ 57.7870, 61.1286,
25.2763

■ 57.7870, 61.1286,
25.2763

406.3584,
428.7454, 292.7027

■ 41.8800, 44.3290,
16.0621

■ 100.7374,
106.4651, 53.0748

■ 29.1981, 30.9292,
9.4133

■ 128.5115,
135.7708, 72.4962

■ 19.3757, 20.5449,
4.9113

■ 160.9720,
170.0139, 96.1571

■ 12.0477, 12.7918,
2.1375

198.4843,
209.5789, 124.4760

■ 6.8486, 7.2853,
0.6379

241.4138,
254.8502, 157.8715

■ 3.4131, 3.6412,
0.0000

290.1257,

■ 1.3758, 1.4749,

306.2121, 196.7621

0.0000

344.9855,
364.0490, 241.5663

■ 0.2389, 0.2710,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7870, 61.1286,
25.2763

■ 57.7870, 61.1286,
25.2763

■ 55.2590, 57.9692,
18.5869

■ 60.7062, 64.5310,
33.7599

■ 53.0915, 55.0329,
13.5530


■ 64.0357, 68.1780,
44.1549


■ 51.2564, 52.3097,
10.0218


■ 67.7983, 72.0820,
56.5729

■ 49.7183, 49.7845,
7.8102

■ 72.0139, 76.2517,
71.1159


 48.4169, 47.4324,
6.6036


 76.7011, 80.6954,
87.8788

 48.4168, 47.4321,
6.6035

 81.8447, 85.4079,
106.7794

 83.5584, 88.8354,
107.3507

 85.3270, 92.3727,
107.9402

 87.0886, 95.8957,
108.5274

Harmonies

Analogous

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



67.9542, 61.1286, 29.0867



57.7870, 61.1286, 25.2763



48.7631, 61.1286, 29.6084

Triad

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



57.7870, 61.1286, 25.2763



43.1153, 61.1286, 99.0838



76.5870, 61.1286, 97.0639

Complementary

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



57.7870, 61.1286, 25.2763



31.8930, 29.7889, 80.4125

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.



68.5606, 61.1286, 125.8695



57.7870, 61.1286, 25.2763



49.2493, 61.1286, 127.2517

Square

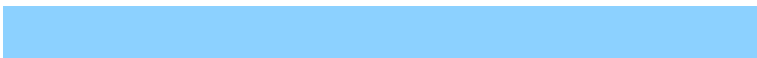
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.7870, 61.1286, 25.2763



40.9131, 61.1286, 67.4633



58.4159, 61.1286, 138.2261



79.5325, 61.1286, 65.6621

Rectangle

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



57.7870, 61.1286, 25.2763



44.4095, 61.1286, 37.5303



58.4159, 61.1286, 138.2261



74.3515, 61.1286, 107.6569

Sweetspot

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



57.7885, 61.1315, 25.2775



86.5174, 91.8277, 78.6399



44.6352, 31.6915, 30.5533



18.2843, 19.4223, 16.0288



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.



57.7885, 61.1315, 25.2775



68.3887, 71.7201, 22.8093



56.6377, 71.6706, 27.3724



15.2805, 16.1750, 15.2212



26.9841, 26.5423, 3.7010



2.0665, 2.1062, 0.2976

Inverse Universe

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



31.8930, 29.7889, 80.4125



32.9430, 28.8719, 98.4443



32.4885, 24.3374, 79.3289



13.8741, 14.4695, 18.2060



9.0100, 5.0821, 42.8892



0.7383, 0.5205, 3.1935

Previews

White Background



This preview shows how the XYZ color 57.7870, 61.1286, 25.2763 looks on a white background.

Color Contrast Check

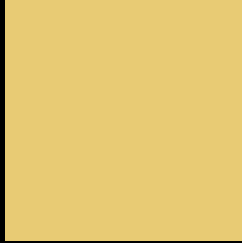
Large Text (above 18pt) WCAG AA × Fail

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 57.7870, 61.1286, 25.2763 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 57.7870, 61.1286, 25.2763

Background



This preview shows how black text looks on a background with the XYZ color 57.7870, 61.1286, 25.2763.



This preview shows how white text looks on a background with the XYZ color 57.7870, 61.1286,

25.2763.

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

57.7870, 61.1286, 25.2763

Protanopia

56.0935, 60.9545, 25.6386

Deuteranopia

62.4343, 61.1119, 25.6447



Tritanopia

66.3877, 60.9050, 67.2883

Trichromacy



Original Color

57.7870, 61.1286, 25.2763

Protanomaly

56.7987, 60.9641, 25.6033

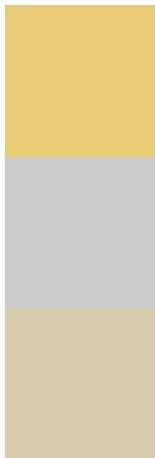
Deuteranomaly

60.5965, 61.1859, 25.4459

Tritanomaly

62.6398, 60.7130, 48.4617

Monochromacy



Original Color

57.7870, 61.1286, 25.2763

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.9118, 59.3275, 47.0326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7870, 61.1286, 25.2763 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(232, 203, 116)` looks like.

```
.text, #text, p{  
    color:rgb(232, 203, 116)  
}
```

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(232, 203, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 203, 116) }
```

Border

The CSS property to change the border of an element to XYZ 57.7870, 61.1286, 25.2763 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(232, 203, 116) }
```


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

```
.border{ border-color:rgb(232, 203, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 203, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 203, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 203, 116); box-shadow:4px 4px 4px 4px rgb(232, 203, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7870, 61.1286, 25.2763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 203, 116) }
```

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

```
.background{ background-color: rgb(232,  
203, 116) }
```

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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