

Converting Colors

XYZ(60.6477, 62.6973, 28.0461)

Have a look what the booklet for
XYZ(60.6477, 62.6973, 28.0461)
contains.

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Color

**XYZ(60.5906, 62.5178,
27.9425)**

Conversions

Conversions Part 1

Format	Color
Hex	EFCB7C
RGB	239, 203, 124
RGB Percent	94%, 80%, 49%
CMY	0.0627, 0.2039, 0.5137
CMYK	0.00, 0.15, 0.48, 0.06
HSL	41°, 78%, 71%
HSV	41°, 48%, 94%
XYZ	60.5906, 62.5178, 27.9425
YIQ	204.7580, 46.8150, -16.9370

Conversions

Conversions Part 2

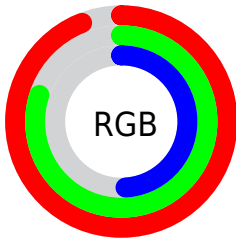
Format	Color
RYB	176, 239, 124
Decimal	15715196
CIELab	83.19, 2.79, 43.92
CIELCh	83, 44.006, 86.370
Yxy	62.5178, 0.4011, 0.4139
Android (android.graphics.Color)	4293905276 (0xFFEFCB7C)
YUV	204.7580, -39.8137, 30.0302
Hunter-Lab	79.0682, -1.5834, 34.3948

Details

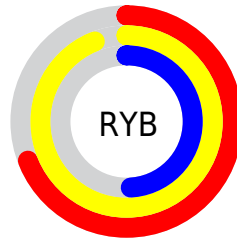
The XYZ color **60.5906, 62.5178, 27.9425** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.4626, 35.6574, 86.6218**, and the grayscale version is **58.1000, 61.1257, 66.5659**.

A 20% lighter version of the original color is **85.0359, 95.9944, 56.1664**, and **31.0061, 31.7997, 10.8071** is the 20% darker color. If you saturate the color by 10%, you get **57.5348, 58.5389, 20.3494**, and if you desaturate by 10%, it is **64.1010, 66.8196, 37.4955**.

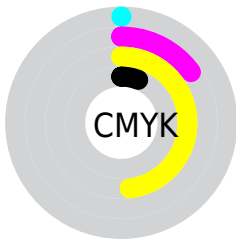
Distribution



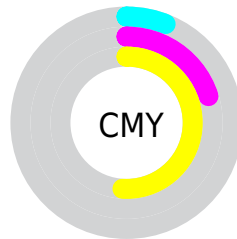
- Red (94%)
- Green (80%)
- Blue (49%)



- Red (69%)
- Yellow (94%)
- Blue (49%)



- Cyan (0%)
- Magenta (15%)
- Yellow (48%)
- Black (6%)



- Cyan (6%)
- Magenta (20%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5906, 62.5178, 27.9425 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 60.5906, 62.5178, 27.9425 by changing the saturation by 10% instead.

60.5906, 62.5178,
27.9425

60.5906, 62.5178,
27.9425

416.5712,
433.8174, 306.0953

44.1461, 45.4512,
18.0437

104.7874,
108.4735, 57.4146

30.9838, 31.8130,
10.8116

133.2705,
138.1315, 77.8250

20.7383, 21.2187,
5.8277

166.4971,
172.7554, 102.5763

13.0442, 13.2840,
2.6735

204.8326,
212.7296, 132.0870

7.5362, 7.6244,
0.9300

248.6425,
258.4385, 166.7757

3.8489, 3.8555,
0.0000

298.2919,

1.6170, 1.5931,

310.2665, 207.0610

0.0000

354.1464,
368.5980, 253.3614

■ 0.4035, 0.3529,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5906, 62.5178,
27.9425

■ 60.5906, 62.5178,
27.9425

■ 57.5348, 58.5389,
20.3494

■ 64.1010, 66.8196,
37.4955

■ 54.9009, 54.8610,
14.5701


■ 68.0868, 71.4475,
49.1325


■ 52.6586, 51.4723,
10.4444


■ 72.5729, 76.4155,
62.9718


■ 50.7706, 48.3558,
7.7817


■ 77.5808, 81.7342,
79.1217

 49.1854, 45.4890,
6.3172

 83.1307, 87.4133,
97.6832

 48.9067, 44.9711,
6.1026

 87.1799, 92.6375,
107.8937

 89.4065, 97.0907,
108.6359

Harmonies

Analogous

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



70.1736, 62.5178, 33.0222



60.5906, 62.5178, 27.9425



51.6383, 62.5178, 31.0103

Triad

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



60.5906, 62.5178, 27.9425



44.4513, 62.5178, 94.1812



76.0458, 62.5178, 101.5192

Complementary

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



60.5906, 62.5178, 27.9425



36.4626, 35.6574, 86.6218

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.



67.9494, 62.5178, 126.8413



60.5906, 62.5178, 27.9425



49.8275, 62.5178, 121.8697

Square

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



60.5906, 62.5178, 27.9425



42.9260, 62.5178, 64.7981



58.2671, 62.5178, 135.1361



79.6787, 62.5178, 71.4528

Rectangle

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



60.5906, 62.5178, 27.9425



47.1052, 62.5178, 37.8692



58.2671, 62.5178, 135.1361



73.7163, 62.5178, 111.1492

Sweetspot

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



60.5921, 62.5208, 27.9438



86.3641, 90.9871, 80.2355



49.1863, 35.3193, 37.6748



18.2224, 19.1933, 16.3323



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.



60.5921, 62.5208, 27.9438



66.6280, 67.7815, 23.5090



63.3932, 78.0807, 30.7995



16.6813, 17.5758, 16.6630



27.1495, 25.0971, 3.4133



2.3470, 2.2647, 0.3134

Inverse Universe

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



36.4626, 35.6574, 86.6218



35.5809, 33.2629, 99.1528



34.4800, 26.6754, 84.9926



15.3009, 16.0359, 20.0104



10.0961, 6.4165, 45.8342



0.9255, 0.7050, 3.8415

Previews

White Background



This preview shows how the XYZ color 60.5906, 62.5178, 27.9425 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 60.5906, 62.5178, 27.9425 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 60.5906, 62.5178, 27.9425

Background



This preview shows how black text looks on a background with the XYZ color 60.5906, 62.5178, 27.9425.



This preview shows how white text looks on a background with the XYZ color 60.5906, 62.5178,

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

60.5906, 62.5178, 27.9425

Protanopia

57.7573, 62.4629, 28.7511

Deuteranopia

63.6794, 62.3781, 28.0859



Tritanopia

68.8129, 62.4682, 68.1052

Trichromacy



Original Color

60.5906, 62.5178, 27.9425

Protanomaly

58.7280, 62.6122, 28.3921

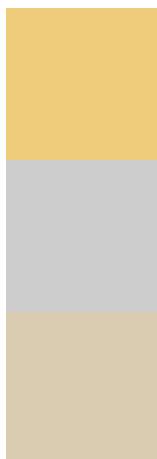
Deuteranomaly

62.7137, 62.5634, 28.1726

Tritanomaly

65.2103, 62.3399, 50.1908

Monochromacy



Original Color

60.5906, 62.5178, 27.9425

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.0446, 61.0720, 49.8031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5906, 62.5178, 27.9425 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(239, 203, 124)` looks like.

```
.text, #text, p{  
    color:rgb(239, 203, 124)  
}
```

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(239, 203, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 203, 124) }
```

Border

The CSS property to change the border of an element to XYZ 60.5906, 62.5178, 27.9425 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(239, 203, 124) }
```


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

```
.border{ border-color:rgb(239, 203, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 203, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 203, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 203, 124);  
box-shadow:4px 4px 4px 4px rgb(239, 203,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5906, 62.5178, 27.9425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 203, 124) }
```

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

```
.background{ background-color: rgb(239,  
203, 124) }
```

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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