

Converting Colors

XYZ(60.9291, 57.7317, 28.8718)

Have a look what the booklet for
XYZ(60.9291, 57.7317, 28.8718)
contains.

XYZ(61.0126, 57.6912, 28.6887)	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(61.0126, 57.6912,
28.6887)**

Conversions

Conversions Part 1

Format	Color
Hex	F9BC81
RGB	249, 188, 129
RGB Percent	98%, 74%, 51%
CMY	0.0235, 0.2627, 0.4941
CMYK	0.00, 0.24, 0.48, 0.02
HSL	30°, 91%, 74%
HSV	30°, 48%, 98%
XYZ	61.0126, 57.6912, 28.6887
YIQ	199.5130, 55.2950, -5.4170

Conversions

Conversions Part 2

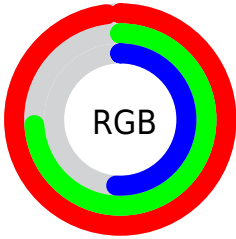
Format	Color
R _Y B	249, 245, 129
Decimal	16366721
CIE Lab	80.57, 15.08, 38.28
CIE LCh	81, 41.141, 68.495
Yxy	57.6912, 0.4139, 0.3914
Android (android.graphics.Color)	4294556801 (0xFFF9BC81)
YUV	199.5130, -34.7629, 43.4001
Hunter-Lab	75.9547, 10.4640, 30.7740

Details

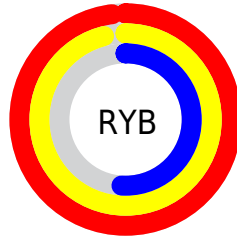
The XYZ color **61.0126, 57.6912, 28.6887** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.5648, 48.3315, 96.6023**, and the grayscale version is **54.7846, 57.6377, 62.7674**.

A 20% lighter version of the original color is **82.1379, 89.3803, 57.7227**, and **31.3105, 28.8396, 11.3135** is the 20% darker color. If you saturate the color by 10%, you get **56.9689, 51.9377, 20.1463**, and if you desaturate by 10%, it is **65.6995, 64.0858, 39.4361**.

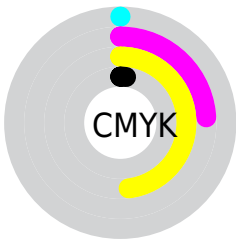
Distribution



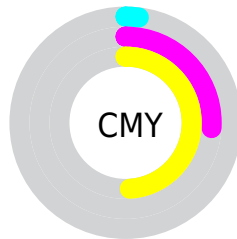
- Red (98%)
- Green (74%)
- Blue (51%)



- Red (98%)
- Yellow (96%)
- Blue (51%)



- Cyan (0%)
- Magenta (24%)
- Yellow (48%)
- Black (2%)



- Cyan (2%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0126, 57.6912, 28.6887 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 61.0126, 57.6912, 28.6887 by changing the saturation by 10% instead.

61.0126, 57.6912,
28.6887

61.0126, 57.6912,
28.6887

418.0954,
416.0343, 309.7582

44.4879, 41.5604,
18.6019

105.3952,
101.4730, 58.6184

31.2538, 28.7573,
11.2091

133.9838,
129.8929, 79.2984

20.9450, 18.8973,
6.0917

167.3244,
163.1779, 104.3465

13.1960, 11.5961,
2.8312

205.7825,
201.7125, 134.1813

7.6416, 6.4693,
1.0091

249.7232,
245.8811, 169.2213

3.9163, 3.1325,
0.0000

299.5120,

1.6549, 1.2013,

296.0679, 209.8851

0.0000

355.5143,
352.6575, 256.5912

0.4278, 0.0627,
0.0000

0.0000, 0.0000,
0.0000

61.0126, 57.6912,
28.6887

61.0126, 57.6912,
28.6887

56.9689, 51.9377,
20.1463

65.6995, 64.0858,
39.4361

53.5284, 46.7930,
13.6465

71.0581, 71.1356,
52.5282

50.6522, 42.2336,
9.0096

77.1198, 78.8644,
68.0971

48.2936, 38.2304,
6.0225

83.9129, 87.2922,
86.2640

■ 46.3903, 34.7473,
4.3911

■ 91.4637, 96.4380,
107.1419

■ 46.0801, 34.1663,
4.1661

■ 92.8768, 98.8797,
108.7983

Harmonies

Analogous

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



68.5691, 57.6912, 38.0606



61.0126, 57.6912, 28.6887



52.4666, 57.6912, 27.0996

Triad

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



61.0126, 57.6912, 28.6887



40.2736, 57.6912, 69.9493



65.5899, 57.6912, 106.7635

Complementary

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



61.0126, 57.6912, 28.6887



44.5648, 48.3315, 96.6023

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.



57.2710, 57.6912, 121.0428



61.0126, 57.6912, 28.6887



43.0673, 57.6912, 96.4875

Square

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



61.0126, 57.6912, 28.6887



41.0547, 57.6912, 47.2456



49.0868, 57.6912, 116.8636



71.3951, 57.6912, 81.4786

Rectangle

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



61.0126, 57.6912, 28.6887



47.4366, 57.6912, 30.1355



49.0868, 57.6912, 116.8636



62.9625, 57.6912, 113.2711

Sweetspot

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



61.0140, 57.6940, 28.6898



84.3077, 86.8743, 79.5500



56.3214, 39.6023, 53.9662



17.7207, 18.1899, 16.1650



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.



61.0140, 57.6940, 28.6898



60.1850, 54.8954, 21.3613



76.2900, 88.2460, 33.7818



17.9494, 18.6346, 18.1132



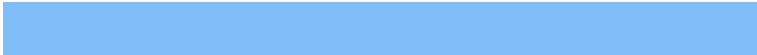
24.8076, 18.5718, 2.2772



2.4034, 1.9317, 0.2462

Inverse Universe

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



44.5648, 48.3315, 96.6023



40.9098, 43.9208, 100.9291



34.2689, 27.7399, 93.1704



17.0124, 18.1016, 21.9826



13.3277, 12.0110, 49.5895



1.3405, 1.3247, 4.6282

Previews

White Background



This preview shows how the XYZ color 61.0126, 57.6912, 28.6887 looks on a white background.

Color Contrast Check

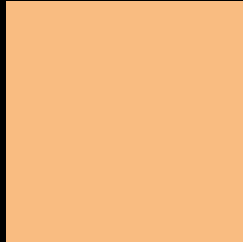
Large Text (above 18pt) WCAG AA × Fail

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 61.0126, 57.6912, 28.6887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

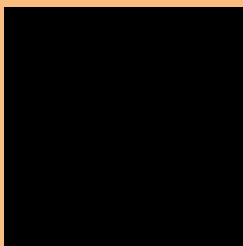
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0126, 57.6912, 28.6887

Background



This preview shows how black text looks on a background with the XYZ color 61.0126, 57.6912, 28.6887.



This preview shows how white text looks on a background with the XYZ color 61.0126, 57.6912,

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

61.0126, 57.6912, 28.6887

Protanopia

53.5726, 57.7815, 30.8836

Deuteranopia

58.8027, 57.5209, 28.4255



Tritanopia

67.2989, 57.7976, 58.6479

Trichromacy



Original Color

61.0126, 57.6912, 28.6887

Protanomaly

56.2179, 57.8038, 30.0240

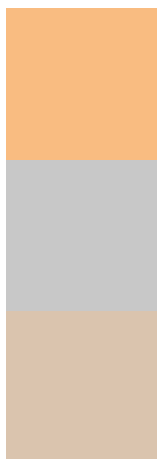
Deuteranomaly

59.6180, 57.6185, 28.4014

Tritanomaly

64.6972, 57.6519, 45.7482

Monochromacy



Original Color

61.0126, 57.6912, 28.6887

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.2934, 57.4413, 48.1647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0126, 57.6912, 28.6887 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(249, 188, 129)` looks like.

```
.text, #text, p{  
    color:rgb(249, 188, 129)  
}
```

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(249, 188, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 188, 129) }
```

Border

The CSS property to change the border of an element to XYZ 61.0126, 57.6912, 28.6887 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(249, 188, 129) }
```


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

```
.border{ border-color:rgb(249, 188, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 188, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 188, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 188, 129);  
box-shadow:4px 4px 4px 4px rgb(249, 188,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0126, 57.6912, 28.6887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 188, 129) }
```

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

```
.background{ background-color: rgb(249,  
188, 129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor