

Converting Colors

XYZ(62.8709, 63.0005, 27.8381)

Have a look what the booklet for
XYZ(62.8709, 63.0005, 27.8381)
contains.

XYZ(62.8825, 63.0027, 27.9153)	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(62.8825, 63.0027,
27.9153)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C97C
RGB	247, 201, 124
RGB Percent	97%, 79%, 49%
CMY	0.0314, 0.2117, 0.5137
CMYK	0.00, 0.19, 0.50, 0.03
HSL	38°, 88%, 73%
HSV	38°, 50%, 97%
XYZ	62.8825, 63.0027, 27.9153
YIQ	205.9760, 52.1330, -14.1950

Conversions

Conversions Part 2

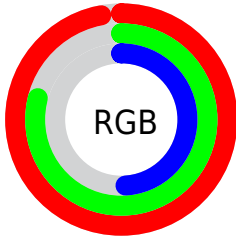
Format	Color
R _Y B	197, 247, 124
Decimal	16238972
CIE Lab	83.44, 7.04, 44.40
CIE LCh	83, 44.955, 80.987
Yxy	63.0027, 0.4089, 0.4096
Android (android.graphics.Color)	4294429052 (0xFFF7C97C)
YUV	205.9760, -40.4142, 35.9780
Hunter-Lab	79.3742, 2.5078, 34.7101

Details

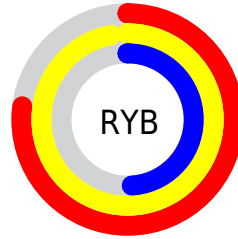
The XYZ color **62.8825, 63.0027, 27.9153** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.4748, 39.7484, 93.5870**, and the grayscale version is **58.8794, 61.9457, 67.4589**.

A 20% lighter version of the original color is **85.0359, 95.9944, 56.1664**, and **32.3754, 32.0398, 10.7813** is the 20% darker color. If you saturate the color by 10%, you get **59.4235, 58.2792, 19.9974**, and if you desaturate by 10%, it is **66.8653, 68.1476, 37.9390**.

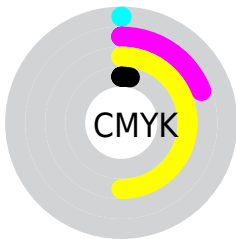
Distribution



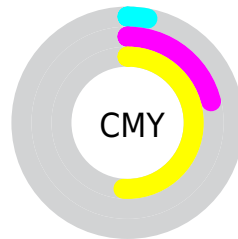
- Red (97%)
- Green (79%)
- Blue (49%)



- Red (77%)
- Yellow (97%)
- Blue (49%)



- Cyan (0%)
- Magenta (19%)
- Yellow (50%)
- Black (3%)





- Cyan (3%)
- Magenta (21%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8825, 63.0027, 27.9153 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 62.8825, 63.0027, 27.9153 by changing the saturation by 10% instead.


 62.8825, 63.0027,
27.9153


 62.8825, 63.0027,
27.9153


424.8094,
435.5793, 305.9612


 46.0044, 45.8434,
18.0233


 108.0827,
109.1734, 57.3707

 32.4540, 32.1223,
10.7971


 137.1356,
138.9536, 77.7711

 21.8657, 21.4549,
5.8181

 170.9775,
173.7095, 102.5115

 13.8743, 13.4569,
2.6678

209.9738,
213.8256, 132.0104

 8.1144, 7.7439,
0.9272

254.4897,
259.6862, 166.6862

 4.2207, 3.9315,
0.0000

304.8907,

 1.8277, 1.6353,

311.6758, 206.9576

0.0000

361.5422,
370.1787, 253.2431

■ 0.5343, 0.3812,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8825, 63.0027,
27.9153

■ 62.8825, 63.0027,
27.9153

■ 59.4235, 58.2792,
19.9974

■ 66.8653, 68.1476,
37.9390

■ 56.4516, 53.9517,
14.0239

■ 71.3961, 73.7201,
50.2060

■ 53.9320, 50.0051,
9.8160

■ 76.5030, 79.7371,
64.8466

■ 51.8218, 46.4182,
7.1595

■ 82.2106, 86.2119,
81.9799

■ 50.0527, 43.1598,
5.7071

■ 88.5419, 93.1568,
101.7170

■ 50.0187, 43.0963,
5.6821

■ 92.1676, 98.5141,
108.7651

Harmonies

Analogous

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



72.5429, 63.0027, 34.6339



62.8825, 63.0027, 27.9153



53.3843, 63.0027, 29.5460

Triad

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



62.8825, 63.0027, 27.9153



43.9572, 63.0027, 89.7972



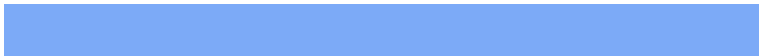
75.7473, 63.0027, 108.4814

Complementary

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



62.8825, 63.0027, 27.9153



39.4748, 39.7484, 93.5870

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.



66.8870, 63.0027, 132.3190



62.8825, 63.0027, 27.9153



48.7876, 63.0027, 119.6482

Square

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



62.8825, 63.0027, 27.9153



43.1346, 63.0027, 60.4886



56.9788, 63.0027, 136.8851



80.4849, 63.0027, 77.4042

Rectangle

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



62.8825, 63.0027, 27.9153



48.3550, 63.0027, 35.3972



56.9788, 63.0027, 136.8851



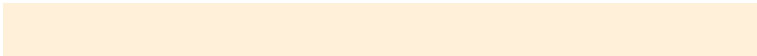
73.1095, 63.0027, 117.9247

Sweetspot

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



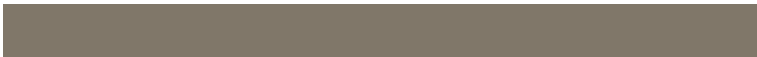
62.8840, 63.0057, 27.9166



85.0975, 88.9881, 78.1666



52.9307, 37.1360, 42.9820



17.9409, 18.7354, 15.9144



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.



62.8840, 63.0057, 27.9166



63.7839, 62.5105, 21.2743



70.3890, 85.2413, 31.8129



17.3636, 18.2113, 17.3975



26.5942, 23.0740, 3.0521



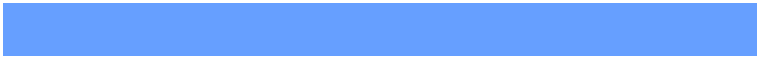
2.4358, 2.2248, 0.3011

Inverse Universe

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



39.4748, 39.7484, 93.5870



35.9641, 34.9141, 99.4513



34.5360, 26.5646, 91.3026



16.0888, 16.9419, 20.9647



11.0446, 7.8830, 47.4775



1.0660, 0.8833, 4.2046

Previews

White Background



This preview shows how the XYZ color 62.8825, 63.0027, 27.9153 looks on a white background.

Color Contrast Check

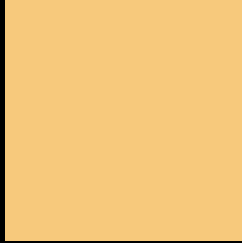
Large Text (above 18pt) WCAG AA × Fail

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 62.8825, 63.0027, 27.9153 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 62.8825, 63.0027, 27.9153

Background



This preview shows how black text looks on a background with the XYZ color 62.8825, 63.0027, 27.9153.



This preview shows how white text looks on a background with the XYZ color 62.8825, 63.0027,

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

62.8825, 63.0027, 27.9153

Protanopia

58.0652, 62.9749, 29.1737

Deuteranopia

64.6331, 63.2102, 28.1963



Tritanopia

71.0114, 62.9778, 66.8058

Trichromacy



Original Color

62.8825, 63.0027, 27.9153

Protanomaly

59.5289, 62.6614, 28.6960

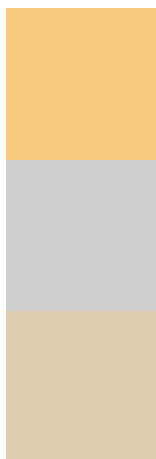
Deuteranomaly

64.1396, 63.2985, 28.2393

Tritanomaly

67.4965, 62.8602, 49.6501

Monochromacy



Original Color

62.8825, 63.0027, 27.9153

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.2481, 61.6925, 49.8594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8825, 63.0027, 27.9153 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(247, 201, 124)` looks like.

```
.text, #text, p{  
    color:rgb(247, 201, 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(247, 201, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 201, 124) }
```

Border

The CSS property to change the border of an element to XYZ 62.8825, 63.0027, 27.9153 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(247, 201, 124) }
```


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

```
.border{ border-color:rgb(247, 201, 124) }
```

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

Here you see how a box with a 4 pixel rgb(247, 201, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 201, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 201, 124);  
box-shadow:4px 4px 4px 4px rgb(247, 201,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8825, 63.0027, 27.9153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 201, 124) }
```

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

```
.background{ background-color: rgb(247,  
201, 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](#).

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