

Converting Colors

XYZ(63.5092, 59.8808, 27.5961)

Have a look what the booklet for
XYZ(63.5092, 59.8808, 27.5961)
contains.

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Color

**XYZ(63.5725, 60.0023,
27.6330)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBF7D
RGB	255, 191, 125
RGB Percent	100%, 75%, 49%
CMY	0.0000, 0.2510, 0.5098
CMYK	0.00, 0.25, 0.51, 0.00
HSL	30°, 100%, 75%
HSV	30°, 51%, 100%
XYZ	63.5725, 60.0023, 27.6330
YIQ	202.6120, 59.3300, -6.9580

Conversions

Conversions Part 2

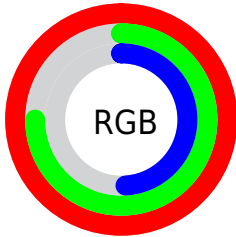
Format	Color
RYB	251, 255, 125
Decimal	16760701
CIELab	81.84, 15.55, 42.06
CIELCh	82, 44.844, 69.717
Yxy	60.0023, 0.4204, 0.3968
Android (android.graphics.Color)	4294950781 (0xFFFFBF7D)
YUV	202.6120, -38.2627, 45.9443
Hunter-Lab	77.4612, 10.9382, 33.0721

Details

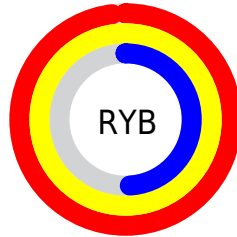
The XYZ color **63.5725, 60.0023, 27.6330** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.7042, 47.9731, 101.5110**, and the grayscale version is **56.7290, 59.6833, 64.9951**.

A 20% lighter version of the original color is **82.6374, 91.0362, 55.8641**, and **32.8302, 30.2735, 10.5916** is the 20% darker color. If you saturate the color by 10%, you get **59.5270, 54.1922, 19.2534**, and if you desaturate by 10%, it is **68.2737, 66.4547, 38.2952**.

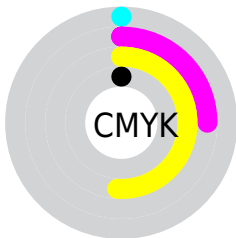
Distribution



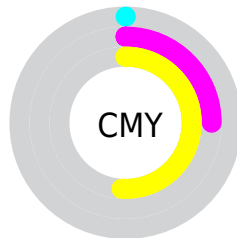
- Red (100%)
- Green (75%)
- Blue (49%)



- Red (98%)
- Yellow (100%)
- Blue (49%)



- Cyan (0%)
- Magenta (25%)
- Yellow (51%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5725, 60.0023, 27.6330 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 63.5725, 60.0023, 27.6330 by changing the saturation by 10% instead.


 63.5725, 60.0023,
27.6330

 63.5725, 60.0023,
27.6330


427.2710,
424.6062, 304.5656


 46.5649, 43.4205,
17.8126


 109.0722,
104.8330, 56.9140

 32.8983, 30.2152,
10.6475


 138.2950,
133.8507, 77.2116

 22.2074, 20.0020,
5.7191


 172.3203,
167.7824, 101.8388

 14.1269, 12.3965,
2.6090

211.5134,
207.0127, 131.2139

 8.2912, 7.0143,
0.8971

256.2397,
251.9258, 165.7557

 4.3352, 3.4710,
0.0000

306.8644,

 1.8935, 1.3823,

302.9062, 205.8825

0.0000

363.7531,
360.3382, 252.0130

■ 0.5730, 0.2036,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5725, 60.0023,
27.6330

■ 63.5725, 60.0023,
27.6330

■ 59.5270, 54.1922,
19.2534

■ 68.2737, 66.4547,
38.2952

■ 56.0943, 48.9910,
12.9787

■ 73.6611, 73.5638,
51.3922

■ 53.2322, 44.3743,
8.6104

■ 79.7683, 81.3539,
67.0671

■ 50.8894, 40.3115,
5.9095

■ 86.6250, 89.8455,
85.4507

■ 49.1526, 37.0854,
4.5676

94.2591, 99.0579,
106.6651

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



72.2007, 60.0023, 37.3734



63.5725, 60.0023, 27.6330



54.0144, 60.0023, 26.2572

Triad

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



63.5725, 60.0023, 27.6330



40.9120, 60.0023, 74.5272



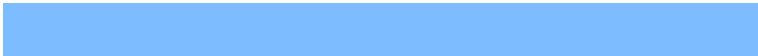
69.4637, 60.0023, 114.1654

Complementary

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



63.5725, 60.0023, 27.6330



44.7042, 47.9731, 101.5110

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.



60.1566, 60.0023, 131.3210



63.5725, 60.0023, 27.6330



44.1495, 60.0023, 104.6027

Square

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



63.5725, 60.0023, 27.6330



41.6108, 60.0023, 48.8836



50.9532, 60.0023, 127.4054



75.8542, 60.0023, 85.1101

Rectangle

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



63.5725, 60.0023, 27.6330



48.4787, 60.0023, 29.7244



50.9532, 60.0023, 127.4054



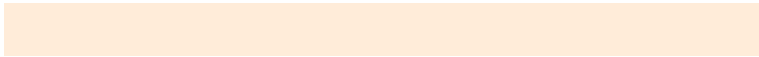
66.5329, 60.0023, 121.8355

Sweetspot

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



63.5740, 60.0052, 27.6342



83.7766, 86.3462, 77.7263



57.8681, 39.6454, 53.3180



17.6226, 18.0987, 15.8083



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.



63.5740, 60.0052, 27.6342



59.5195, 54.1811, 19.2385



80.7016, 94.2604, 33.3434



18.7718, 19.5117, 18.9211



25.8332, 19.6776, 2.4366



2.6246, 2.1346, 0.2737

Inverse Universe

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



44.7042, 47.9731, 101.5110



38.7744, 40.9571, 100.4696



33.8416, 26.2479, 97.8902



17.7414, 18.8544, 22.9541



13.4471, 11.8038, 51.0042



1.4183, 1.3674, 5.0024

Previews

White Background



This preview shows how the XYZ color 63.5725, 60.0023, 27.6330 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 63.5725, 60.0023, 27.6330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

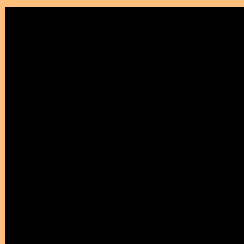
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5725, 60.0023, 27.6330

Background



This preview shows how black text looks on a background with the XYZ color 63.5725, 60.0023, 27.6330.



This preview shows how white text looks on a background with the XYZ color 63.5725, 60.0023,

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

63.5725, 60.0023, 27.6330

Protanopia

55.7463, 60.3270, 29.8252

Deuteranopia

61.5110, 60.2596, 27.4581



Tritanopia

68.6670, 59.9891, 60.7832

Trichromacy



Original Color

63.5725, 60.0023, 27.6330

Protanomaly

58.2514, 59.8978, 28.9133

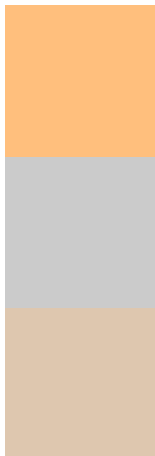
Deuteranomaly

62.3542, 60.3628, 27.4335

Tritanomaly

66.3610, 59.7409, 46.5616

Monochromacy



Original Color

63.5725, 60.0023, 27.6330

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.2855, 59.4716, 48.9646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5725, 60.0023, 27.6330 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(255, 191, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 125)  
}
```

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(255, 191, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 125) }
```

Border

The CSS property to change the border of an element to XYZ 63.5725, 60.0023, 27.6330 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(255, 191, 125) }
```


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

```
.border{ border-color:rgb(255, 191, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5725, 60.0023, 27.6330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 125) }
```

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

```
.background{ background-color: rgb(255,  
191, 125) }
```

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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