

Converting Colors

XYZ(100.0705, 78.6004,
29.1457)

Have a look what the booklet for
XYZ(100.0705, 78.6004, 29.1457)
contains.

XYZ(63.3551, 59.5676, 27.5606)	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(63.3551, 59.5676,
27.5606)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBE7D
RGB	255, 190, 125
RGB Percent	100%, 75%, 49%
CMY	0.0000, 0.2549, 0.5098
CMYK	0.00, 0.25, 0.51, 0.00
HSL	30°, 100%, 75%
HSV	30°, 51%, 100%
XYZ	63.3551, 59.5676, 27.5606
YIQ	202.0250, 59.6050, -6.4350

Conversions

Conversions Part 2

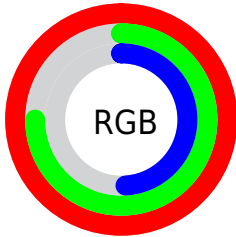
Format	Color
RYB	255, 255, 125
Decimal	16760445
CIELab	81.60, 16.07, 41.77
CIELCh	82, 44.750, 68.958
Yxy	59.5676, 0.4210, 0.3958
Android (android.graphics.Color)	4294950525 (0xFFFFBE7D)
YUV	202.0250, -37.9733, 46.4591
Hunter-Lab	77.1800, 11.4609, 32.8539

Details

The XYZ color **63.3551, 59.5676, 27.5606** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.9200, 48.4048, 101.5828**, and the grayscale version is **56.3594, 59.2945, 64.5717**.

A 20% lighter version of the original color is **82.3325, 90.4262, 55.7624**, and **32.6874, 29.9878, 10.5440** is the 20% darker color. If you saturate the color by 10%, you get **59.2892, 53.7167, 19.1741**, and if you desaturate by 10%, it is **68.0836, 66.0747, 38.2319**.

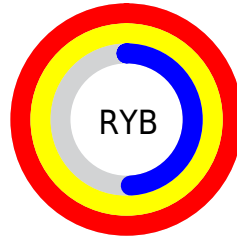
Distribution



Red (100%)

Green (75%)

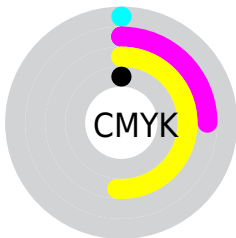
Blue (49%)



Red (100%)

Yellow (100%)

Blue (49%)

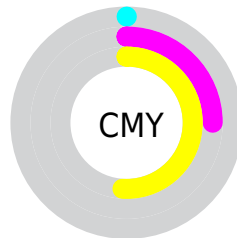


Cyan (0%)

Magenta (25%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3551, 59.5676, 27.5606 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 63.3551, 59.5676, 27.5606 by changing the saturation by 10% instead.

63.3551, 59.5676,
27.5606

63.3551, 59.5676,
27.5606

426.4963,
423.0021, 304.2069

46.3883, 43.0702,
17.7585

108.7606,
104.2022, 56.7968

32.7582, 29.9402,
10.6091

137.9300,
133.1081, 77.0680

22.0996, 19.7932,
5.6938

171.8975,
166.9190, 101.6660

14.0472, 12.2448,
2.5940

211.0287,
206.0193, 131.0093

8.2354, 6.9106,
0.8894

255.6888,
250.7934, 165.5166

4.2990, 3.4063,
0.0000

306.2432,

1.8726, 1.3473,

301.6256, 205.6062

0.0000

363.0572,
358.9004, 251.6968

0.5609, 0.1774,
0.0000

0.0000, 0.0000,
0.0000

63.3551, 59.5676,
27.5606

63.3551, 59.5676,
27.5606

59.2892, 53.7167,
19.1741

68.0836, 66.0747,
38.2319

55.8427, 48.4879,
12.8948

73.5056, 73.2527,
51.3404

52.9731, 43.8563,
8.5241

79.6547, 81.1268,
67.0293

50.6288, 39.7904,
5.8226

86.5611, 89.7178,
85.4295

■ 48.8954, 36.5711,
4.4819

94.2529, 99.0456,
106.6631

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



71.8604, 59.5676, 37.4619



63.3551, 59.5676, 27.5606



53.8502, 59.5676, 25.9977

Triad

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



63.3551, 59.5676, 27.5606



40.5800, 59.5676, 73.2544



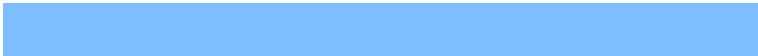
68.7537, 59.5676, 113.9882

Complementary

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



63.3551, 59.5676, 27.5606



44.9200, 48.4048, 101.5828

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.



59.4774, 59.5676, 130.5726



63.3551, 59.5676, 27.5606



43.6981, 59.5676, 103.1354

Square

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



63.3551, 59.5676, 27.5606



41.3735, 59.5676, 47.9982



50.3748, 59.5676, 126.1292



75.2091, 59.5676, 85.2675

Rectangle

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



63.3551, 59.5676, 27.5606



48.3124, 59.5676, 29.3024



50.3748, 59.5676, 126.1292



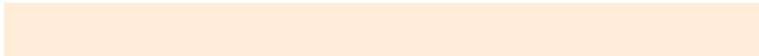
65.8231, 59.5676, 121.4839

Sweetspot

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



63.3565, 59.5705, 27.5618



83.6919, 86.1767, 77.6980



57.8680, 39.6454, 53.3180



17.6022, 18.0580, 15.8015



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.



63.3565, 59.5705, 27.5618



59.2818, 53.7056, 19.1592



80.7014, 94.2603, 33.3434



18.7598, 19.4879, 18.9171



25.6983, 19.4079, 2.3916



2.6114, 2.1081, 0.2693

Inverse Universe

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



44.9200, 48.4048, 101.5828



39.0101, 41.4285, 100.5482



33.8416, 26.2479, 97.8900



17.7533, 18.8783, 22.9581



13.5794, 12.0685, 51.0483



1.4314, 1.3935, 5.0068

Previews

White Background



This preview shows how the XYZ color 63.3551, 59.5676, 27.5606 looks on a white background.

Color Contrast Check

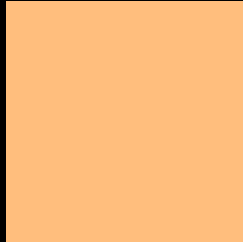
Large Text (above 18pt) WCAG AA × Fail

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 63.3551, 59.5676, 27.5606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

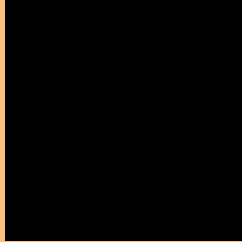
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3551, 59.5676, 27.5606

Background



This preview shows how black text looks on a background with the XYZ color 63.3551, 59.5676, 27.5606.



This preview shows how white text looks on a background with the XYZ color 63.3551, 59.5676,

27.5606.

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

63.3551, 59.5676, 27.5606

Protanopia

55.2040, 59.6957, 29.7320

Deuteranopia

60.9359, 59.6316, 27.3672



Tritanopia

68.3443, 59.5265, 60.1122

Trichromacy



Original Color

63.3551, 59.5676, 27.5606

Protanomaly

57.6946, 59.2703, 28.8216

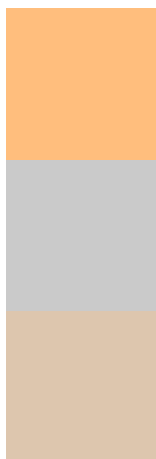
Deuteranomaly

61.7750, 59.7349, 27.3429

Tritanomaly

66.0546, 59.2801, 45.9910

Monochromacy



Original Color

63.3551, 59.5676, 27.5606

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.6529, 58.8163, 48.3584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3551, 59.5676, 27.5606 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, 190, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 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, 190, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 125) }
```

Border

The CSS property to change the border of an element to XYZ 63.3551, 59.5676, 27.5606 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, 190, 125) }
```


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

```
.border{ border-color:rgb(255, 190, 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, 190, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3551, 59.5676, 27.5606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 125) }
```

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

```
.background{ background-color: rgb(255,  
190, 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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