

Converting Colors

XYZ(63.3232, 59.2514, 28.3475)

Have a look what the booklet for
XYZ(63.3232, 59.2514, 28.3475)
contains.

XYZ(63.2684, 59.1875, 28.1684)	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(63.2684, 59.1875,
28.1684)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBD7F
RGB	255, 189, 127
RGB Percent	100%, 74%, 50%
CMY	0.0000, 0.2588, 0.5020
CMYK	0.00, 0.26, 0.50, 0.00
HSL	29°, 100%, 75%
HSV	29°, 50%, 100%
XYZ	63.2684, 59.1875, 28.1684
YIQ	201.6660, 59.2380, -5.2900

Conversions

Conversions Part 2

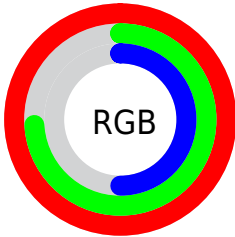
Format	Color
R _Y B	255, 247, 127
Decimal	16760191
CIE Lab	81.39, 16.76, 40.48
CIE LCh	81, 43.818, 67.505
Yxy	59.1875, 0.4200, 0.3929
Android (android.graphics.Color)	4294950271 (0xFFFFBD7F)
YUV	201.6660, -36.8103, 46.7739
Hunter-Lab	76.9334, 12.1611, 32.1449

Details

The XYZ color **63.2684, 59.1875, 28.1684** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.8715, 49.8699, 101.8157**, and the grayscale version is **56.1284, 59.0514, 64.3070**.

A 20% lighter version of the original color is **82.2329, 89.9010, 56.7346**, and **32.6143, 29.7322, 10.8574** is the 20% darker color. If you saturate the color by 10%, you get **59.1113, 53.2050, 19.5954**, and if you desaturate by 10%, it is **68.1053, 65.8568, 39.0439**.

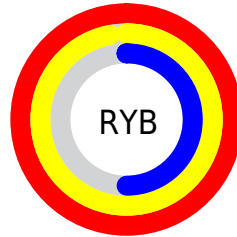
Distribution



Red (100%)

Green (74%)

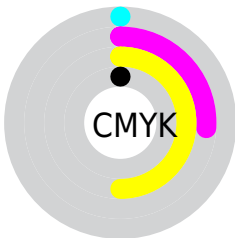
Blue (50%)



Red (100%)

Yellow (97%)

Blue (50%)

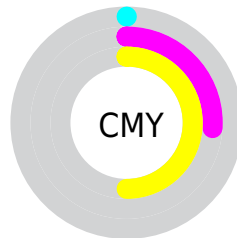


Cyan (0%)

Magenta (26%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2684, 59.1875, 28.1684 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 63.2684, 59.1875, 28.1684 by changing the saturation by 10% instead.


 63.2684, 59.1875,
28.1684

 63.2684, 59.1875,
28.1684


426.1871,
421.5964, 307.2079


 46.3178, 42.7641,
18.2125


 108.6363,
103.6501, 57.7795

 32.7024, 29.7000,
10.9316


 137.7843,
132.4581, 78.2718

 22.0567, 19.6110,
5.9073


 171.7289,
166.1631, 103.1133

 14.0154, 12.1126,
2.7209

210.8353,
205.1494, 132.7226

 8.2132, 6.8204,
0.9539

255.4690,
249.8015, 167.5181

 4.2846, 3.3500,
0.0000

305.9953,

 1.8644, 1.3171,

300.5038, 207.9185

0.0000

362.7796,
357.6406, 254.3423

■ 0.5560, 0.1544,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.2684, 59.1875,
28.1684

■ 63.2684, 59.1875,
28.1684

■ 59.1113, 53.2050,
19.5954

■ 68.1053, 65.8568,
39.0439

■ 55.5906, 47.8741,
13.1485

■ 73.6532, 73.2288,
52.3731

■ 52.6636, 43.1687,
8.6314

■ 79.9463, 81.3296,
68.2986

■ 50.2785, 39.0563,
5.8085

■ 87.0150, 90.1811,
86.9506

■ 48.3884, 35.5570,
4.3128

94.8879, 99.8041,
108.4509

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



71.4194, 59.1875, 38.3511



63.2684, 59.1875, 28.1684



53.9863, 59.1875, 26.2517

Triad

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



63.2684, 59.1875, 28.1684



40.5363, 59.1875, 71.2617



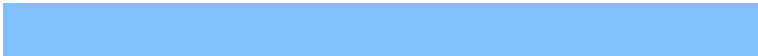
67.6768, 59.1875, 113.3231

Complementary

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



63.2684, 59.1875, 28.1684



45.8715, 49.8699, 101.8157

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.



58.5883, 59.1875, 128.5183



63.2684, 59.1875, 28.1684



43.4067, 59.1875, 100.2987

Square

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



63.2684, 59.1875, 28.1684



41.4998, 59.1875, 47.0060



49.7818, 59.1875, 123.1967



74.1512, 59.1875, 85.7384

Rectangle

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



63.2684, 59.1875, 28.1684



48.5065, 59.1875, 29.2556



49.7818, 59.1875, 123.1967



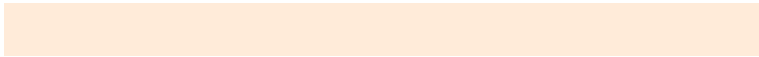
64.7898, 59.1875, 120.3481

Sweetspot

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



63.2698, 59.1904, 28.1696



83.5202, 85.8333, 77.6408



58.4702, 40.2955, 55.2267



17.5609, 17.9755, 15.7877



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.



63.2698, 59.1904, 28.1696



59.1864, 53.3156, 19.7418



80.1539, 92.9586, 33.7976



18.7356, 19.4394, 18.9090



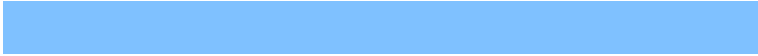
25.4321, 18.8754, 2.3029



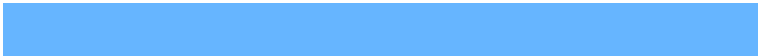
2.5850, 2.0554, 0.2605

Inverse Universe

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



45.8715, 49.8699, 101.8157



40.0297, 43.0453, 100.8065



34.6707, 27.4683, 98.0821



17.7776, 18.9268, 22.9662



13.8560, 12.6216, 51.1405



1.4585, 1.4477, 5.0158

Previews

White Background



This preview shows how the XYZ color 63.2684, 59.1875, 28.1684 looks on a white background.

Color Contrast Check

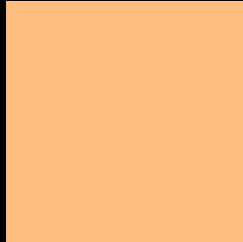
Large Text (above 18pt) WCAG AA × Fail

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 63.2684, 59.1875, 28.1684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

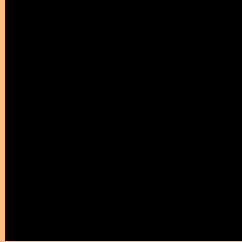
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2684, 59.1875, 28.1684

Background



This preview shows how black text looks on a background with the XYZ color 63.2684, 59.1875, 28.1684.



This preview shows how white text looks on a background with the XYZ color 63.2684, 59.1875,

28.1684.

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

63.2684, 59.1875, 28.1684

Protanopia

55.0360, 59.5935, 30.4318

Deuteranopia

60.4920, 59.0588, 27.9499



Tritanopia

68.0238, 59.0671, 59.4456

Trichromacy



Original Color

63.2684, 59.1875, 28.1684

Protanomaly

57.8276, 59.3235, 29.5218

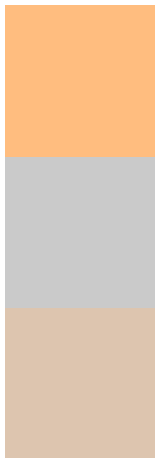
Deuteranomaly

61.6825, 59.3454, 27.9424

Tritanomaly

65.8447, 58.8602, 45.9210

Monochromacy



Original Color

63.2684, 59.1875, 28.1684

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.5229, 58.3998, 48.7979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2684, 59.1875, 28.1684 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, 189, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 127)  
}
```

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, 189, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 127) }
```

Border

The CSS property to change the border of an element to XYZ 63.2684, 59.1875, 28.1684 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, 189, 127) }
```


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

```
.border{ border-color:rgb(255, 189, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2684, 59.1875, 28.1684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 127) }
```

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

```
.background{ background-color: rgb(255,  
189, 127) }
```

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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