

Converting Colors

XYZ(93.4179, 74.2977, 30.1325)

Have a look what the booklet for
XYZ(93.4179, 74.2977, 30.1325)
contains.

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Color

**XYZ(63.1857, 58.8114,
28.7904)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBC81
RGB	255, 188, 129
RGB Percent	100%, 74%, 51%
CMY	0.0000, 0.2627, 0.4941
CMYK	0.00, 0.26, 0.49, 0.00
HSL	28°, 100%, 75%
HSV	28°, 49%, 100%
XYZ	63.1857, 58.8114, 28.7904
YIQ	201.3070, 58.8710, -4.1450

Conversions

Conversions Part 2

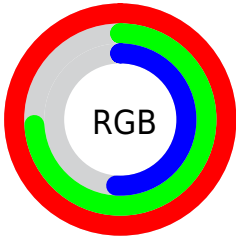
Format	Color
R _Y B	255, 240, 129
Decimal	16759937
CIE Lab	81.19, 17.47, 39.20
CIE LCh	81, 42.912, 65.983
Yxy	58.8114, 0.4190, 0.3900
Android (android.graphics.Color)	4294950017 (0xFFFFBC81)
YUV	201.3070, -35.6474, 47.0888
Hunter-Lab	76.6886, 12.8657, 31.4234

Details

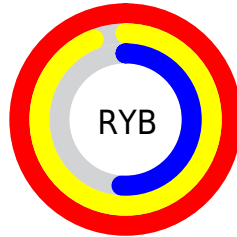
The XYZ color **63.1857, 58.8114, 28.7904** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.8424, 51.3650, 102.0531**, and the grayscale version is **55.8979, 58.8090, 64.0430**.

A 20% lighter version of the original color is **82.1379, 89.3803, 57.7227**, and **32.8041, 29.6138, 11.1948** is the 20% darker color. If you saturate the color by 10%, you get **58.9362, 52.6949, 20.0294**, and if you desaturate by 10%, it is **68.1332, 65.6470, 39.8717**.

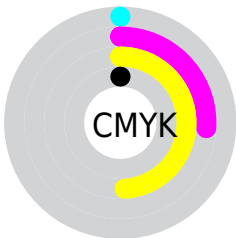
Distribution



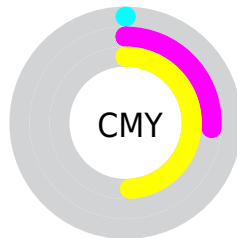
- Red (100%)
- Green (74%)
- Blue (51%)



- Red (100%)
- Yellow (94%)
- Blue (51%)



- Cyan (0%)
- Magenta (26%)
- Yellow (49%)
- Black (0%)



- Cyan (0%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1857, 58.8114, 28.7904 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 63.1857, 58.8114, 28.7904 by changing the saturation by 10% instead.

63.1857, 58.8114,
28.7904

63.1857, 58.8114,
28.7904

425.8921,
420.2026, 310.2546

46.2507, 42.4613,
18.6781

108.5177,
103.1035, 58.7821

32.6491, 29.4627,
11.2635

137.6453,
131.8143, 79.4986

22.0157, 19.4311,
6.1279

171.5679,
165.4142, 104.5869

13.9851, 11.9822,
2.8530

210.6508,
204.2874, 134.4656

8.1920, 6.7316,
1.0201

255.2593,
248.8185, 169.5532

4.2709, 3.2948,
0.0000

305.7587,

1.8565, 1.2875,

299.3918, 210.2682

0.0000

362.5146,
356.3917, 257.0291

0.5514, 0.1315,
0.0000

0.0000, 0.0000,
0.0000

63.1857, 58.8114,
28.7904

63.1857, 58.8114,
28.7904

58.9362, 52.6949,
20.0294

68.1332, 65.6470,
39.8717

55.3408, 47.2613,
13.4137

73.8102, 73.2191,
53.4236

52.3565, 42.4831,
8.7490

80.2514, 81.5547,
69.5877

49.9315, 38.3266,
5.8031

87.4876, 90.6769,
88.4940

■ 47.9905, 34.7479, 95.0499, 100.0000,
4.2208 108.9000

■ 47.8864, 34.5529,
4.1455

Harmonies

Analogous

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



70.9829, 58.8114, 39.2617



63.1857, 58.8114, 28.7904



54.1271, 58.8114, 26.5109

Triad

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



63.1857, 58.8114, 28.7904



40.4954, 58.8114, 69.3013



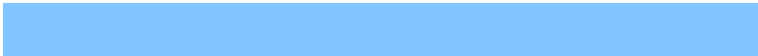
66.6109, 58.8114, 112.6646

Complementary

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



63.1857, 58.8114, 28.7904



46.8424, 51.3650, 102.0531

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.



57.7081, 58.8114, 126.4840



63.1857, 58.8114, 28.7904



43.1185, 58.8114, 97.5078

Square

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



63.1857, 58.8114, 28.7904



41.6300, 58.8114, 46.0266



49.1942, 58.8114, 120.3041



73.1032, 58.8114, 86.2189

Rectangle

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



63.1857, 58.8114, 28.7904



48.7055, 58.8114, 29.2110



49.1942, 58.8114, 120.3041



63.7669, 58.8114, 119.2215

Sweetspot

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



63.1871, 58.8143, 28.7916



83.3437, 85.4803, 77.5819



59.0771, 40.9557, 57.1360



17.5185, 17.8906, 15.7736



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.



63.1871, 58.8143, 28.7916



59.0978, 52.9328, 20.3459



79.6372, 91.7144, 34.2749



18.7107, 19.3896, 18.9007



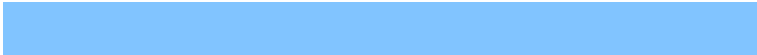
25.1681, 18.3475, 2.2149



2.5587, 2.0028, 0.2517

Inverse Universe

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



46.8424, 51.3650, 102.0531



41.0768, 44.7037, 101.0714



35.5187, 28.7177, 98.2786



17.8027, 18.9770, 22.9746



14.1523, 13.2141, 51.2393



1.4874, 1.5054, 5.0255

Previews

White Background



This preview shows how the XYZ color 63.1857, 58.8114, 28.7904 looks on a white background.

Color Contrast Check

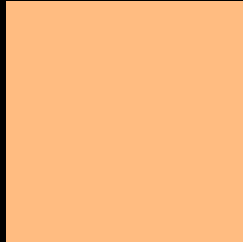
Large Text (above 18pt) WCAG AA × Fail

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 63.1857, 58.8114, 28.7904 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 63.1857, 58.8114, 28.7904

Background



This preview shows how black text looks on a background with the XYZ color 63.1857, 58.8114, 28.7904.



This preview shows how white text looks on a background with the XYZ color 63.1857, 58.8114,

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

63.1857, 58.8114, 28.7904

Protanopia

54.7071, 59.0504, 31.4362

Deuteranopia

60.2745, 58.9315, 28.6202



Tritanopia

67.7056, 58.6109, 58.7835

Trichromacy



Original Color

63.1857, 58.8114, 28.7904

Protanomaly

57.4786, 58.7818, 30.5069

Deuteranomaly

61.2385, 58.7766, 28.5395

Tritanomaly

65.6362, 58.4433, 45.8515

Monochromacy



Original Color

63.1857, 58.8114, 28.7904

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.2966, 57.9472, 48.7225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1857, 58.8114, 28.7904 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, 188, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 188, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 129) }
```

Border

The CSS property to change the border of an element to XYZ 63.1857, 58.8114, 28.7904 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, 188, 129) }
```


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

```
.border{ border-color:rgb(255, 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(255, 188, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1857, 58.8114, 28.7904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 129) }
```

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

```
.background{ background-color: rgb(255,  
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](#).

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