

Converting Colors

XYZ(63.0176, 64.8309, 28.2610)

Have a look what the booklet for XYZ(63.0176, 64.8309, 28.2610) contains.

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Color

**XYZ(63.0176, 64.8309,
28.2610)**

Conversions

Conversions Part 1

Format	Color
Hex	F4CE7C
RGB	244, 206, 124
RGB Percent	96%, 81%, 49%
CMY	0.0431, 0.1921, 0.5137
CMYK	0.00, 0.16, 0.49, 0.04
HSL	41°, 85%, 72%
HSV	41°, 49%, 96%
XYZ	63.0176, 64.8309, 28.2610
YIQ	208.0140, 48.9700, -17.4460

Conversions

Conversions Part 2

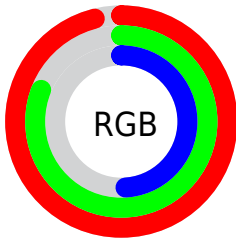
Format	Color
R_{YB}	180, 244, 124
Decimal	16043644
CIE _{Lab}	84.40, 3.25, 45.52
CIE _{LCh}	84, 45.636, 85.919
Yxy	64.8309, 0.4037, 0.4153
Android (android.graphics.Color)	4294233724 (0xFFFF4CE7C)
YUV	208.0140, -41.4189, 31.5597
Hunter-Lab	80.5176, -1.2018, 35.5521

Details

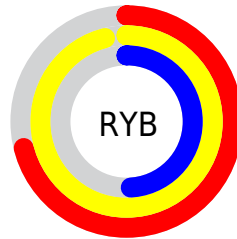
The XYZ color **63.0176, 64.8309, 28.2610** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **37.5612, 36.6561, 90.6833**, and the grayscale version is **60.2025, 63.3378, 68.9748**.

A 20% lighter version of the original color is **85.0359, 95.9944, 56.1664**, and **32.4384, 33.2518, 11.0119** is the 20% darker color. If you saturate the color by 10%, you get **59.8475, 60.6621, 20.5106**, and if you desaturate by 10%, it is **66.6641, 69.3414, 38.0549**.

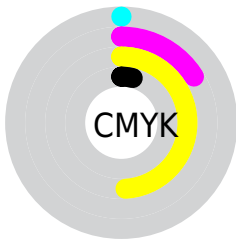
Distribution



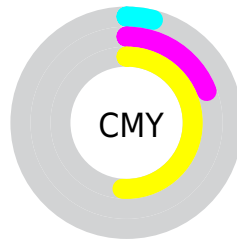
- Red (96%)
- Green (81%)
- Blue (49%)



- Red (71%)
- Yellow (96%)
- Blue (49%)



- Cyan (0%)
- Magenta (16%)
- Yellow (49%)
- Black (4%)





- Cyan (4%)
- Magenta (19%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0176, 64.8309, 28.2610 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 63.0176, 64.8309, 28.2610 by changing the saturation by 10% instead.


 63.0176, 64.8309,
28.2610

 63.0176, 64.8309,
28.2610


425.2920,
442.1840, 307.6631


 46.1141, 47.3240,
18.2817


 108.2766,
111.8067, 57.9290

 32.5409, 33.2918,
10.9809


 137.3628,
142.0444, 78.4548

 21.9325, 22.3501,
5.9400


 171.2407,
177.2944, 103.3332

 13.9237, 14.1144,
2.7404

210.2755,
217.9412, 132.9827

 8.1489, 8.2003,
0.9637

254.8327,
264.3692, 167.8219

 4.2430, 4.2234,
0.0000

305.2776,

 1.8405, 1.7993,

316.9627, 208.2694

0.0000

361.9756,
376.1062, 254.7436

■ 0.5419, 0.4867,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0176, 64.8309,
28.2610

■ 63.0176, 64.8309,
28.2610

■ 59.8475, 60.6621,
20.5106

■ 66.6641, 69.3414,
38.0549

■ 57.1190, 56.8117,
14.6483

■ 70.8092, 74.1972,
50.0244

■ 54.7997, 53.2671,
10.5025

■ 75.4793, 79.4133,
64.2950

■ 52.8494, 50.0100,
7.8685

■ 80.6973, 85.0009,
80.9817

■ 51.2073, 47.0139,
6.4332

■ 86.4847, 90.9704,
100.1914

■ 51.0801, 46.7771,
6.3367

■ 90.2814, 96.2997,
108.4371

■ 91.1181, 97.9730,
108.7160

Harmonies

Analogous

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



73.2023, 64.8309, 33.7099



63.0176, 64.8309, 28.2610



53.4853, 64.8309, 31.3403

Triad

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



63.0176, 64.8309, 28.2610



45.6964, 64.8309, 97.9144



79.2178, 64.8309, 106.7256

Complementary

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



63.0176, 64.8309, 28.2610



37.5612, 36.6561, 90.6833

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.



70.5399, 64.8309, 133.6542



63.0176, 64.8309, 28.2610



51.3285, 64.8309, 127.6650

Square

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



63.0176, 64.8309, 28.2610



44.1482, 64.8309, 66.6907



60.2429, 64.8309, 142.2090



83.1824, 64.8309, 74.6381

Rectangle

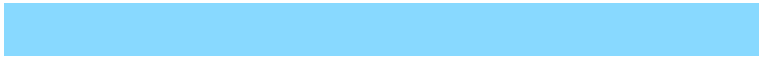
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.0176, 64.8309, 28.2610



48.6497, 64.8309, 38.4374



60.2429, 64.8309, 142.2090



76.7118, 64.8309, 116.9898

Sweetspot

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



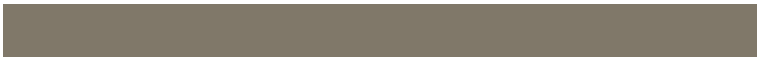
63.0192, 64.8340, 28.2623



85.7494, 90.2917, 78.3838



51.0378, 36.2576, 38.4916



18.0984, 19.0504, 15.9669



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.



63.0192, 64.8340, 28.2623



66.1680, 67.0733, 22.7027



66.1131, 81.6861, 31.3520



17.4464, 18.3769, 17.4251



27.9029, 25.6913, 3.4883



2.5445, 2.4422, 0.3373

Inverse Universe

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



37.5612, 36.6561, 90.6833



35.0813, 32.7127, 99.0729



35.3914, 27.0587, 88.9452



16.0093, 16.7830, 20.9382



10.4397, 6.6732, 47.2758



1.0060, 0.7635, 4.1846

Previews

White Background



This preview shows how the XYZ color 63.0176, 64.8309, 28.2610 looks on a white background.

Color Contrast Check

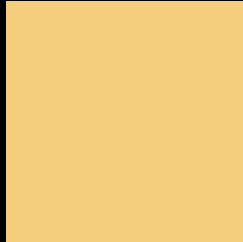
Large Text (above 18pt) WCAG AA × Fail

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 63.0176, 64.8309, 28.2610 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 63.0176, 64.8309, 28.2610

Background



This preview shows how black text looks on a background with the XYZ color 63.0176, 64.8309, 28.2610.



This preview shows how white text looks on a background with the XYZ color 63.0176, 64.8309,

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

63.0176, 64.8309, 28.2610

Protanopia

60.0152, 65.0838, 29.1380

Deuteranopia

66.0229, 64.5918, 29.4098



Tritanopia

71.6427, 64.8785, 70.3748

Trichromacy



Original Color

63.0176, 64.8309, 28.2610

Protanomaly

61.0942, 64.9145, 28.7118

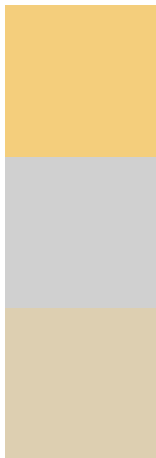
Deuteranomaly

64.9704, 64.7534, 29.1530

Tritanomaly

67.8579, 64.7030, 51.5602

Monochromacy



Original Color

63.0176, 64.8309, 28.2610

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.0674, 63.1721, 50.6225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0176, 64.8309, 28.2610 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(244, 206, 124)` looks like.

```
.text, #text, p{  
    color:rgb(244, 206, 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(244, 206, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 206, 124) }
```

Border

The CSS property to change the border of an element to XYZ 63.0176, 64.8309, 28.2610 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(244, 206, 124) }
```


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

```
.border{ border-color:rgb(244, 206, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 206, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 206, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 206, 124); box-shadow:4px 4px 4px 4px rgb(244, 206, 124) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0176, 64.8309, 28.2610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 206, 124) }
```

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

```
.background{ background-color: rgb(244,  
206, 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](#).

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