

Converting Colors

XYZ(68.2448, 67.6892, 51.4792)

Have a look what the booklet for
XYZ(68.2448, 67.6892, 51.4792)
contains.

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Color

**XYZ(68.2479, 67.7386,
51.5973)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D0B2
RGB	245, 208, 178
RGB Percent	96%, 82%, 70%
CMY	0.0392, 0.1843, 0.3020
CMYK	0.00, 0.15, 0.27, 0.04
HSL	27°, 77%, 83%
HSV	27°, 27%, 96%
XYZ	68.2479, 67.7386, 51.5973
YIQ	215.6430, 31.6820, -1.4860

Conversions

Conversions Part 2

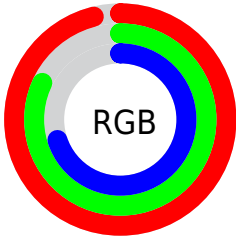
Format	Color
R_{YB}	245, 232, 178
Decimal	16109746
CIE Lab	85.88, 8.62, 19.72
CIE LCh	86, 21.521, 66.402
Yxy	67.7386, 0.3638, 0.3611
Android (android.graphics.Color)	4294299826 (0xFFF5D0B2)
YUV	215.6430, -18.5580, 25.7461
Hunter-Lab	82.3035, 3.9852, 20.4426

Details

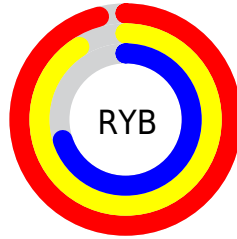
The XYZ color **68.2479, 67.7386, 51.5973** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.1413, 64.6564, 95.7491**, and the grayscale version is **65.1360, 68.5281, 74.6271**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **35.9963, 35.2832, 24.3152** is the 20% darker color. If you saturate the color by 10%, you get **62.8459, 60.5258, 38.7250**, and if you desaturate by 10%, it is **74.3741, 75.6960, 66.8799**.

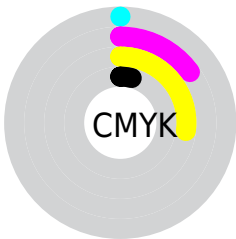
Distribution



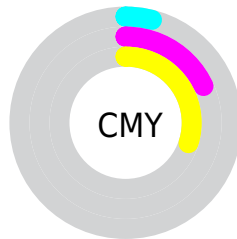
- Red (96%)
- Green (82%)
- Blue (70%)



- Red (96%)
- Yellow (91%)
- Blue (70%)



- Cyan (0%)
- Magenta (15%)
- Yellow (27%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.2479, 67.7386, 51.5973 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 68.2479, 67.7386, 51.5973 by changing the saturation by 10% instead.


 68.2479, 67.7386,
51.5973

 68.2479, 67.7386,
51.5973

443.7368,
452.5693, 409.7926

 50.3739, 49.6851,
36.3042


 115.7467,
115.9781, 93.9576

 35.9296, 35.1633,
24.3776


146.1021,
146.9329, 121.8618

 24.5497, 23.7887,
15.3992

181.3487,
182.9569, 154.8069

 15.8688, 15.1769,
8.9503

221.8519,
224.4346, 193.2112

 9.5216, 8.9436,
4.6124

267.9769,
271.7503, 237.4934

 5.1428, 4.7044,
1.9670

320.0891,

 2.3669, 2.0749,

325.2883, 288.0720

0.5349

378.5540,
385.4332, 345.3656

■ 0.8286, 0.6505,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.2479, 67.7386,
51.5973

■ 68.2479, 67.7386,
51.5973

■ 62.8459, 60.5258,
38.7250

■ 74.3741, 75.6960,
66.8799

■ 58.1326, 54.0251,
28.1334

■ 81.2477, 84.4109,
84.6850

■ 54.0767, 48.2147,
19.6869

■ 88.8971, 93.9074,
105.1226

■ 50.6424, 43.0681,
13.2336

■ 91.4662, 98.1525,
108.7323

■ 47.7896, 38.5566,
8.6012

■ 45.4721, 34.6485,
5.5876

■ 43.6317, 31.3064,
3.9298

■ 43.2021, 30.5042,
3.6109

Harmonies

Analogous

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



72.3072, 67.7386, 58.8087



68.2479, 67.7386, 51.5973



63.3338, 67.7386, 49.9615

Triad

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



68.2479, 67.7386, 51.5973



55.4270, 67.7386, 76.8201



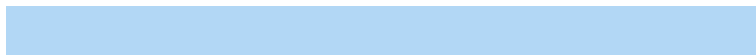
70.1662, 67.7386, 97.7992

Complementary

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



68.2479, 67.7386, 51.5973



59.1413, 64.6564, 95.7491

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.



65.4448, 67.7386, 104.1110



68.2479, 67.7386, 51.5973



57.0609, 67.7386, 91.0426

Square

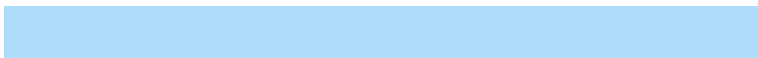
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.2479, 67.7386, 51.5973



56.0926, 67.7386, 63.4264



60.6678, 67.7386, 101.4931



73.4536, 67.7386, 85.1499

Rectangle

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



68.2479, 67.7386, 51.5973



60.2653, 67.7386, 52.0403



60.6678, 67.7386, 101.4931



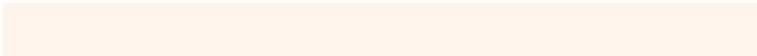
68.6852, 67.7386, 100.8012

Sweetspot

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



68.2497, 67.7417, 51.5987



88.4489, 91.7776, 91.3477



65.9674, 56.2102, 72.3165



18.6791, 19.3264, 18.8902



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.



68.2497, 67.7417, 51.5987



71.2631, 69.5680, 48.1251



77.0097, 85.2617, 54.5187



17.1101, 17.7044, 17.3131



23.4074, 16.7005, 1.9898



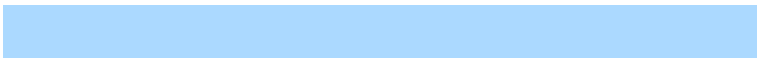
2.1583, 1.6698, 0.2085

Inverse Universe

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



59.1413, 64.6564, 95.7491



59.7059, 65.6490, 104.1324



51.6660, 49.7058, 93.2574



16.3398, 17.4439, 21.0484



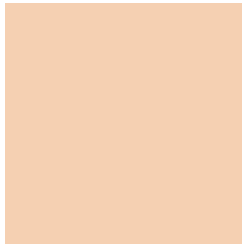
13.7077, 13.2093, 48.3652



1.3073, 1.3660, 4.2850

Previews

White Background



This preview shows how the XYZ color 68.2479, 67.7386, 51.5973 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 68.2479, 67.7386, 51.5973 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 68.2479, 67.7386, 51.5973

Background



This preview shows how black text looks on a background with the XYZ color 68.2479, 67.7386, 51.5973.



This preview shows how white text looks on a background with the XYZ color 68.2479, 67.7386,

51.5973.

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

68.2479, 67.7386, 51.5973

Protanopia

63.7511, 67.5981, 53.4038

Deuteranopia

69.0601, 67.7965, 51.5656



Tritanopia

73.1998, 67.6270, 75.5249

Trichromacy



Original Color

68.2479, 67.7386, 51.5973

Protanomaly

65.3860, 67.7059, 52.8023

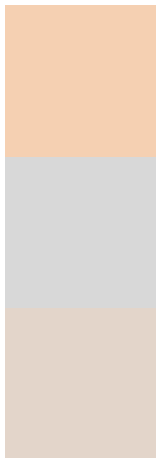
Deuteranomaly

68.7065, 67.6142, 51.5491

Tritanomaly

71.0838, 67.4540, 65.7733

Monochromacy



Original Color

68.2479, 67.7386, 51.5973

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.1335, 68.1837, 65.5523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2479, 67.7386, 51.5973 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(245, 208, 178)` looks like.

```
.text, #text, p{  
    color:rgb(245, 208, 178)  
}
```

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(245, 208, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 208, 178) }
```

Border

The CSS property to change the border of an element to XYZ 68.2479, 67.7386, 51.5973 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(245, 208, 178) }
```


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

```
.border{ border-color:rgb(245, 208, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 208, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 208, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 208, 178);  
box-shadow:4px 4px 4px 4px rgb(245, 208,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2479, 67.7386, 51.5973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 208, 178) }
```

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

```
.background{ background-color: rgb(245,  
208, 178) }
```

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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