

Converting Colors

XYZ(67.8076, 69.0650, 51.3549)

Have a look what the booklet for
XYZ(67.8076, 69.0650, 51.3549)
contains.

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Color

**XYZ(67.7549, 68.9621,
51.3349)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D4B1
RGB	241, 212, 177
RGB Percent	95%, 83%, 69%
CMY	0.0549, 0.1686, 0.3059
CMYK	0.00, 0.12, 0.27, 0.05
HSL	33°, 70%, 82%
HSV	33°, 27%, 95%
XYZ	67.7549, 68.9621, 51.3349
YIQ	216.6810, 28.5190, -4.7370

Conversions

Conversions Part 2

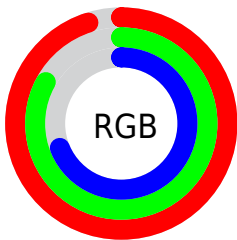
Format	Color
RYB	230, 241, 177
Decimal	15848625
CIELab	86.49, 4.91, 21.04
CIELCh	86, 21.602, 76.871
Yxy	68.9621, 0.3603, 0.3667
Android (android.graphics.Color)	4294038705 (0xFFFF1D4B1)
YUV	216.6810, -19.5627, 21.3278
Hunter-Lab	83.0434, 0.3117, 21.4791

Details

The XYZ color **67.7549, 68.9621, 51.3349** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.0794, 59.8388, 91.8136**, and the grayscale version is **65.8524, 69.2819, 75.4480**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **35.4622, 35.7595, 24.1020** is the 20% darker color. If you saturate the color by 10%, you get **62.9245, 62.8117, 38.9018**, and if you desaturate by 10%, it is **73.1978, 75.6577, 66.0666**.

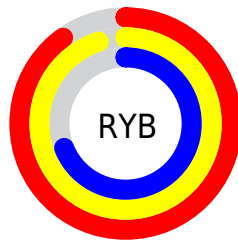
Distribution



Red (95%)

Green (83%)

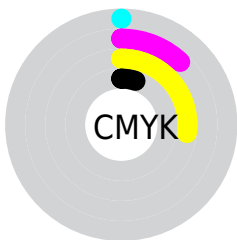
Blue (69%)



Red (90%)

Yellow (95%)

Blue (69%)

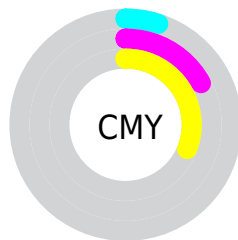


Cyan (0%)

Magenta (12%)

Yellow (27%)

Black (5%)



Cyan (5%)

Magenta (17%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.7549, 68.9621, 51.3349 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 67.7549, 68.9621, 51.3349 by changing the saturation by 10% instead.

67.7549, 68.9621,
51.3349

67.7549, 68.9621,
51.3349

442.0175,
456.8973, 408.7472

49.9713, 50.6808,
36.0966

115.0453,
117.7274, 93.5662

35.6083, 35.9547,
24.2185

145.2828,
148.9803, 121.3963

24.3005, 24.3992,
15.2821

180.4023,
185.3259, 154.2607

15.6827, 15.6300,
8.8688

220.7692,
227.1484, 192.5781

9.3893, 9.2627,
4.5601

266.7488,
274.8325, 236.7668

5.0551, 4.9129,
1.9374

318.7065,

2.3147, 2.1963,

328.7624, 287.2456

0.5163

377.0076,
389.3225, 344.4329

■ 0.8022, 0.7180,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.7549, 68.9621,
51.3349

■ 67.7549, 68.9621,
51.3349

■ 62.9245, 62.8117,
38.9018

■ 73.1978, 75.6577,
66.0666

■ 58.6752, 57.1809,
28.6443

■ 79.2719, 82.9043,
83.2026

■ 54.9807, 52.0556,
20.4343

■ 86.0019, 90.7196,
102.8474

■ 51.8102, 47.4172,
14.1282

■ 90.0857, 97.4408,
108.6677

■ 49.1291, 43.2457,
9.5639

■ 46.8974, 39.5184,
6.5513

■ 45.0660, 36.2086,
4.8521

■ 44.5021, 35.1537,
4.4398

Harmonies

Analogous

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



72.3424, 68.9621, 56.7292



67.7549, 68.9621, 51.3349



62.7951, 68.9621, 51.6970

Triad

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



67.7549, 68.9621, 51.3349



56.7683, 68.9621, 83.3675



72.8177, 68.9621, 95.5322

Complementary

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



67.7549, 68.9621, 51.3349



56.0794, 59.8388, 91.8136

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.



68.3770, 68.9621, 104.6454



67.7549, 68.9621, 51.3349



59.1899, 68.9621, 97.0333

Square

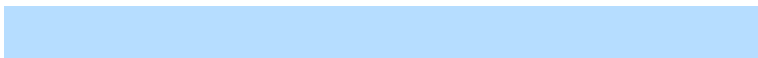
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.7549, 68.9621, 51.3349



56.6207, 68.9621, 69.0049



63.3864, 68.9621, 105.2272



75.3640, 68.9621, 81.5185

Rectangle

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



67.7549, 68.9621, 51.3349



59.9443, 68.9621, 55.1414



63.3864, 68.9621, 105.2272



71.4871, 68.9621, 99.3439

Sweetspot

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



67.7567, 68.9652, 51.3363



89.0598, 92.9994, 91.5513



63.2445, 54.6443, 66.1608



18.8329, 19.6339, 18.9415



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.



67.7567, 68.9652, 51.3363



73.9012, 74.4519, 50.2140



74.9430, 84.4127, 53.9392



16.4894, 17.1919, 16.5990



24.2692, 19.3364, 2.4532



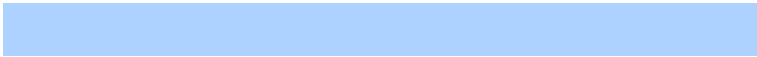
2.1183, 1.8072, 0.2372

Inverse Universe

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



56.0794, 59.8388, 91.8136



58.5098, 62.4252, 103.5732



50.2213, 47.3956, 89.7206



15.4871, 16.4082, 20.0725



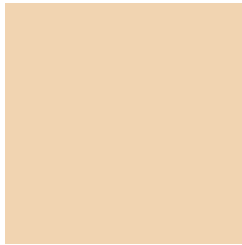
11.7168, 9.6578, 46.3745



1.0728, 0.9997, 3.8906

Previews

White Background



This preview shows how the XYZ color 67.7549, 68.9621, 51.3349 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 67.7549, 68.9621, 51.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

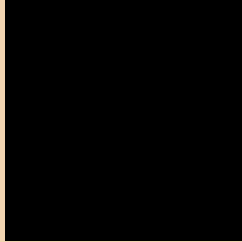
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.7549, 68.9621, 51.3349

Background



This preview shows how black text looks on a background with the XYZ color 67.7549, 68.9621, 51.3349.



This preview shows how white text looks on a background with the XYZ color 67.7549, 68.9621,

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

67.7549, 68.9621, 51.3349

Protanopia

65.0056, 69.0244, 52.5447

Deuteranopia

70.3754, 68.8353, 51.6968



Tritanopia

73.2622, 69.0094, 78.5660

Trichromacy



Original Color

67.7549, 68.9621, 51.3349

Protanomaly

65.9406, 69.1389, 51.9892

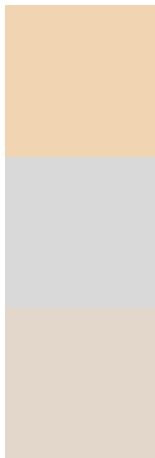
Deuteranomaly

69.1941, 68.5894, 51.7116

Tritanomaly

71.0047, 68.8011, 67.9301

Monochromacy



Original Color

67.7549, 68.9621, 51.3349

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.3251, 69.0339, 65.7063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7549, 68.9621, 51.3349 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(241, 212, 177)` looks like.

```
.text, #text, p{  
    color:rgb(241, 212, 177)  
}
```

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(241, 212, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 212, 177) }
```

Border

The CSS property to change the border of an element to XYZ 67.7549, 68.9621, 51.3349 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(241, 212, 177) }
```


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

```
.border{ border-color:rgb(241, 212, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 212, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 212, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 212, 177);  
box-shadow:4px 4px 4px 4px rgb(241, 212,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7549, 68.9621, 51.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 212, 177) }
```

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

```
.background{ background-color: rgb(241,  
212, 177) }
```

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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