

Converting Colors

XYZ(65.5902, 67.6265, 52.7767)

Have a look what the booklet for
XYZ(65.5902, 67.6265, 52.7767)
contains.

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Color

**XYZ(65.7134, 67.8747,
52.8177)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD4B4
RGB	234, 212, 180
RGB Percent	92%, 83%, 71%
CMY	0.0824, 0.1686, 0.2941
CMYK	0.00, 0.09, 0.23, 0.08
HSL	36°, 56%, 81%
HSV	36°, 23%, 92%
XYZ	65.7134, 67.8747, 52.8177
YIQ	214.9300, 23.3840, -5.2880

Conversions

Conversions Part 2

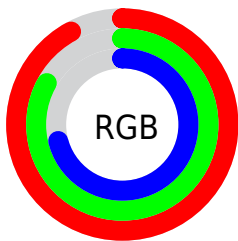
Format	Color
R _Y B	217, 234, 180
Decimal	15389876
CIE Lab	85.94, 2.71, 18.62
CIE LCh	86, 18.815, 81.722
Yxy	67.8747, 0.3525, 0.3641
Android (android.graphics.Color)	4293579956 (0xFFEAD4B4)
YUV	214.9300, -17.2205, 16.7244
Hunter-Lab	82.3861, -1.7992, 19.6595

Details

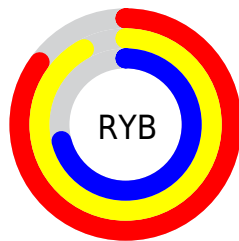
The XYZ color **65.7134, 67.8747, 52.8177** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.7938, 57.8834, 86.1269**, and the grayscale version is **64.6472, 68.0139, 74.0672**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **34.2478, 35.1112, 25.0508** is the 20% darker color. If you saturate the color by 10%, you get **61.2158, 62.3774, 40.5339**, and if you desaturate by 10%, it is **70.7578, 73.8205, 67.2707**.

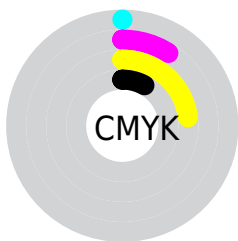
Distribution



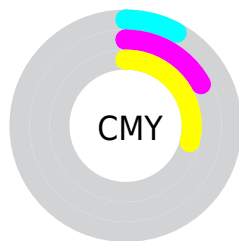
- Red (92%)
- Green (83%)
- Blue (71%)



- Red (85%)
- Yellow (92%)
- Blue (71%)



- Cyan (0%)
- Magenta (9%)
- Yellow (23%)
- Black (8%)





- Cyan (8%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7134, 67.8747, 52.8177 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 65.7134, 67.8747, 52.8177 by changing the saturation by 10% instead.


 65.7134, 67.8747,
52.8177

 65.7134, 67.8747,
52.8177

434.8560,
453.0519, 414.6318

 48.3066, 49.7958,
37.2705


 112.1349,
116.1729, 95.7749

 34.2820, 35.2512,
25.1196


141.8803,
147.1609, 124.0220

 23.2743, 23.8564,
15.9463


176.4694,
183.2209, 157.3395

 14.9180, 15.2272,
9.3323

216.2674,
224.7370, 196.1459

 8.8478, 8.9790,
4.8588

261.6397,
272.0938, 240.8598

 4.6983, 4.7275,
2.1073

312.9516,

 2.1043, 2.0883,

325.6756, 291.8997

0.6201

370.5686,
385.8669, 349.6842

■ 0.6915, 0.6580,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.7134, 67.8747,
52.8177

■ 65.7134, 67.8747,
52.8177

■ 61.2158, 62.3774,
40.5339

■ 70.7578, 73.8205,
67.2707

■ 57.2369, 57.3064,
30.3080

■ 76.3647, 80.2177,
83.9885

■ 53.7541, 52.6512,
22.0248

■ 82.5557, 87.0811,
103.0658

■ 50.7408, 48.3970,
15.5564

■ 86.2081, 93.1651,
108.0467

■ 48.1672, 44.5276,
10.7589

■ 87.7418, 96.2325,
108.5580

■ 45.9992, 41.0253,
7.4664

■ 44.1962, 37.8692,
5.4782

■ 43.1193, 35.8675,
4.6505

Harmonies

Analogous

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



69.7839, 67.8747, 56.7945



65.7134, 67.8747, 52.8177



61.4941, 67.8747, 53.9756

Triad

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



65.7134, 67.8747, 52.8177



57.1164, 67.8747, 83.0405



71.2395, 67.8747, 89.6031

Complementary

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



65.7134, 67.8747, 52.8177



54.7938, 57.8834, 86.1269

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.



67.6288, 67.8747, 98.2177



65.7134, 67.8747, 52.8177



59.5141, 67.8747, 94.1448

Square

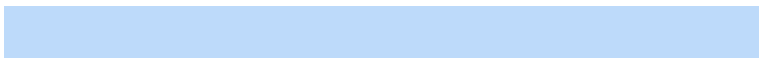
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.7134, 67.8747, 52.8177



56.6547, 67.8747, 70.5393



63.3270, 67.8747, 99.9663



73.0660, 67.8747, 77.3741

Rectangle

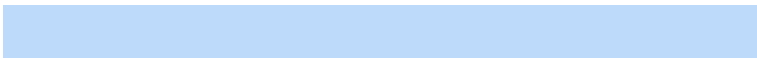
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.7134, 67.8747, 52.8177



59.1533, 67.8747, 57.5672



63.3270, 67.8747, 99.9663



70.1867, 67.8747, 93.0715

Sweetspot

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



65.7152, 67.8778, 52.8191



90.0323, 94.3517, 93.7022



60.9736, 54.4238, 63.4800



19.1815, 20.0937, 19.7897



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.



65.7152, 67.8778, 52.8191



77.0238, 79.0518, 56.3268



70.1344, 78.8817, 54.7102



15.8077, 16.5383, 15.8778



24.3574, 20.4089, 2.6555



2.0068, 1.7909, 0.2399

Inverse Universe

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



54.7938, 57.8834, 86.1269



61.4359, 64.7899, 103.8754



51.0605, 48.8362, 84.5774



14.7350, 15.5564, 19.1483



10.7774, 8.2018, 44.7580



0.9387, 0.8288, 3.5454

Previews

White Background



This preview shows how the XYZ color 65.7134, 67.8747, 52.8177 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 65.7134, 67.8747, 52.8177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

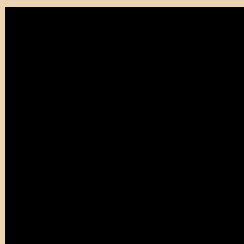
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7134, 67.8747, 52.8177

Background



This preview shows how black text looks on a background with the XYZ color 65.7134, 67.8747, 52.8177.



This preview shows how white text looks on a background with the XYZ color 65.7134, 67.8747,

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

65.7134, 67.8747, 52.8177

Protanopia

64.0656, 67.7602, 53.4185

Deuteranopia

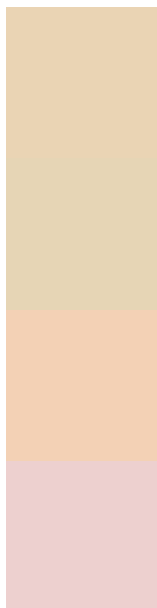
69.3647, 67.9183, 53.1697



Tritanopia

70.8527, 67.7673, 78.4533

Trichromacy



Original Color

65.7134, 67.8747, 52.8177

Protanomaly

64.7679, 67.7477, 53.3790

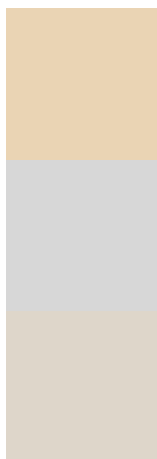
Deuteranomaly

68.1031, 67.9918, 53.2504

Tritanomaly

68.7434, 67.6213, 68.4605

Monochromacy



Original Color

65.7134, 67.8747, 52.8177

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.8314, 67.8870, 65.5636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7134, 67.8747, 52.8177 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(234, 212, 180)` looks like.

```
.text, #text, p{  
    color:rgb(234, 212, 180)  
}
```

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(234, 212, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 212, 180) }
```

Border

The CSS property to change the border of an element to XYZ 65.7134, 67.8747, 52.8177 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(234, 212, 180) }
```


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

```
.border{ border-color:rgb(234, 212, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 212, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 212, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 212, 180);  
box-shadow:4px 4px 4px 4px rgb(234, 212,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7134, 67.8747, 52.8177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 212, 180) }
```

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

```
.background{ background-color: rgb(234,  
212, 180) }
```

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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