

Converting Colors

XYZ(65.0629, 67.7334, 52.1222)

Have a look what the booklet for
XYZ(65.0629, 67.7334, 52.1222)
contains.

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Color

**XYZ(64.9589, 67.4974,
52.2524)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D4B3
RGB	232, 212, 179
RGB Percent	91%, 83%, 70%
CMY	0.0902, 0.1686, 0.2980
CMYK	0.00, 0.09, 0.23, 0.09
HSL	37°, 54%, 81%
HSV	37°, 23%, 91%
XYZ	64.9589, 67.4974, 52.2524
YIQ	214.2180, 22.5130, -6.0230

Conversions

Conversions Part 2

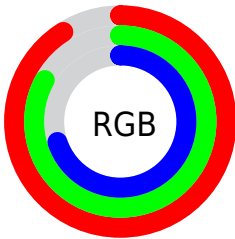
Format	Color
R _Y B	211, 232, 179
Decimal	15258803
CIE Lab	85.75, 1.83, 18.86
CIE LCh	86, 18.944, 84.468
Yxy	67.4974, 0.3517, 0.3654
Android (android.graphics.Color)	4293448883 (0xFFE8D4B3)
YUV	214.2180, -17.3625, 15.5948
Hunter-Lab	82.1568, -2.6398, 19.8008

Details

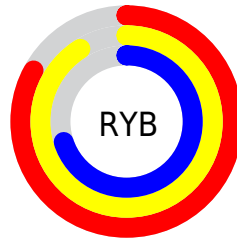
The XYZ color **64.9589, 67.4974, 52.2524** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.5791, 56.2555, 84.3789**, and the grayscale version is **64.1674, 67.5091, 73.5174**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **33.7274, 34.8504, 24.6878** is the 20% darker color. If you saturate the color by 10%, you get **60.6786, 62.3809, 40.2071**, and if you desaturate by 10%, it is **69.7562, 73.0151, 66.4192**.

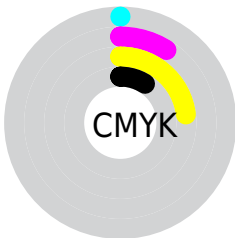
Distribution



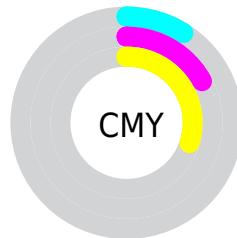
- Red (91%)
- Green (83%)
- Blue (70%)



- Red (83%)
- Yellow (91%)
- Blue (70%)



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



- Cyan (9%)
- Magenta (17%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9589, 67.4974, 52.2524 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 64.9589, 67.4974, 52.2524 by changing the saturation by 10% instead.

64.9589, 67.4974,
52.2524

64.9589, 67.4974,
52.2524

432.1918,
451.7132, 412.3949

47.6923, 49.4890,
36.8227

111.0568,
115.6328, 94.9337

33.7935, 35.0075,
24.7755

140.6188,
146.5286, 123.0224

22.8972, 23.6687,
15.6924

175.0101,
182.4890, 156.1679

14.6379, 15.0880,
9.1548

214.5959,
223.8983, 194.7885

8.6503, 8.8812,
4.7441

259.7416,
271.1410, 239.3031

4.5691, 4.6638,
2.0418

310.8126,

2.0288, 2.0514,

324.6015, 290.1299

0.5808

368.1742,
384.6641, 347.6877

■ 0.6501, 0.6371,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.9589, 67.4974,
52.2524

■ 64.9589, 67.4974,
52.2524

■ 60.6786, 62.3809,
40.2071

■ 69.7562, 73.0151,
66.4192

■ 56.8884, 57.6450,
30.1745

■ 75.0854, 78.9360,
82.8007

■ 53.5667, 53.2802,
22.0424

■ 80.9672, 85.2735,
101.4893

■ 50.6879, 49.2732,
15.6859

■ 84.5948, 90.9076,
107.6960

■ 48.2235, 45.6095,
10.9647

■ 87.0889, 95.8959,
108.5274

■ 46.1410, 42.2726,
7.7173

■ 44.4013, 39.2436,
5.7487

■ 43.3240, 37.2461,
4.9058

Harmonies

Analogous

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



69.1075, 67.4974, 55.7716



64.9589, 67.4974, 52.2524



60.7724, 67.4974, 53.8840

Triad

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



64.9589, 67.4974, 52.2524



56.8816, 67.4974, 83.8015



71.1597, 67.4974, 88.2152

Complementary

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



64.9589, 67.4974, 52.2524



53.5791, 56.2555, 84.3789

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.



67.6593, 67.4974, 97.3617



64.9589, 67.4974, 52.2524



59.4435, 67.4974, 94.6197

Square

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



64.9589, 67.4974, 52.2524



56.2308, 67.4974, 71.2221



63.3563, 67.4974, 99.8276



72.7891, 67.4974, 75.8120

Rectangle

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



64.9589, 67.4974, 52.2524



58.5054, 67.4974, 57.7791



63.3563, 67.4974, 99.8276



70.1555, 67.4974, 91.8257

Sweetspot

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



64.9607, 67.5004, 52.2538



90.1971, 94.6815, 93.7572



59.7451, 53.5351, 61.4110



19.2197, 20.1701, 19.8025



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.



64.9607, 67.5004, 52.2538



78.1451, 80.8639, 58.0276



68.3005, 77.1076, 53.9322



15.1209, 15.8556, 15.1679



24.1766, 20.9274, 2.7651



1.8753, 1.7239, 0.2339

Inverse Universe

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



53.5791, 56.2555, 84.3789



61.9110, 64.8275, 103.8576



50.7382, 48.4044, 83.0132



14.0262, 14.7737, 18.2567



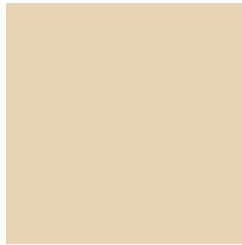
10.1138, 7.2897, 43.2572



0.8345, 0.7130, 3.2256

Previews

White Background



This preview shows how the XYZ color 64.9589, 67.4974, 52.2524 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 64.9589, 67.4974, 52.2524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

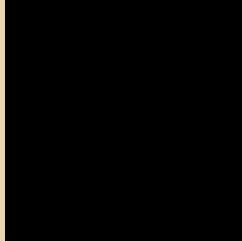
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9589, 67.4974, 52.2524

Background



This preview shows how black text looks on a background with the XYZ color 64.9589, 67.4974, 52.2524.



This preview shows how white text looks on a background with the XYZ color 64.9589, 67.4974,

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

64.9589, 67.4974, 52.2524

Protanopia

63.6488, 67.5572, 52.8652

Deuteranopia

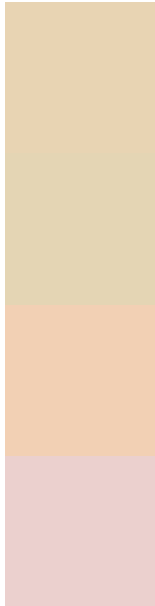
68.6673, 67.2121, 52.5341



Tritanopia

70.1812, 67.4211, 78.4219

Trichromacy



Original Color

64.9589, 67.4974, 52.2524

Protanomaly

64.0274, 67.3778, 52.8106

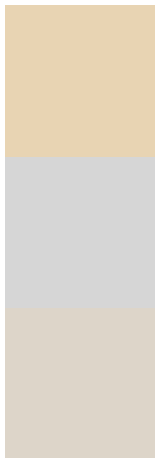
Deuteranomaly

67.4120, 67.2843, 52.6142

Tritanomaly

67.9574, 67.2301, 67.7875

Monochromacy



Original Color

64.9589, 67.4974, 52.2524

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.1557, 67.1777, 64.8436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9589, 67.4974, 52.2524 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(232, 212, 179)` looks like.

```
.text, #text, p{  
    color:rgb(232, 212, 179)  
}
```

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(232, 212, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 212, 179) }
```

Border

The CSS property to change the border of an element to XYZ 64.9589, 67.4974, 52.2524 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(232, 212, 179) }
```


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

```
.border{ border-color:rgb(232, 212, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 212, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 212, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 212, 179);  
box-shadow:4px 4px 4px 4px rgb(232, 212,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9589, 67.4974, 52.2524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 212, 179) }
```

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

```
.background{ background-color: rgb(232,  
212, 179) }
```

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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