

Converting Colors

XYZ(64.3174, 66.0520, 52.5394)

Have a look what the booklet for
XYZ(64.3174, 66.0520, 52.5394)
contains.

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Color

**XYZ(64.3174, 66.0520,
52.5394)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D1B4
RGB	232, 209, 180
RGB Percent	91%, 82%, 71%
CMY	0.0902, 0.1804, 0.2941
CMYK	0.00, 0.10, 0.22, 0.09
HSL	33°, 53%, 81%
HSV	33°, 22%, 91%
XYZ	64.3174, 66.0520, 52.5394
YIQ	212.5710, 23.0170, -4.1430

Conversions

Conversions Part 2

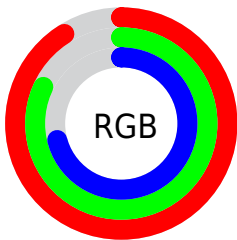
Format	Color
R _Y B	221, 232, 180
Decimal	15258036
CIE Lab	85.02, 3.52, 17.31
CIE LCh	85, 17.663, 78.489
Yxy	66.0520, 0.3516, 0.3611
Android (android.graphics.Color)	4293448116 (0xFFE8D1B4)
YUV	212.5710, -16.0575, 17.0392
Hunter-Lab	81.2724, -0.9652, 18.5620

Details

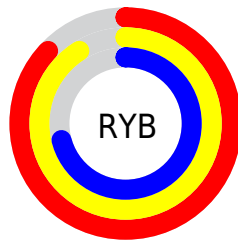
The XYZ color **64.3174, 66.0520, 52.5394** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.7435, 58.2399, 84.7005**, and the grayscale version is **63.0538, 66.3375, 72.2416**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **33.4566, 34.2051, 24.9176** is the 20% darker color. If you saturate the color by 10%, you get **59.7128, 60.3136, 40.3040**, and if you desaturate by 10%, it is **69.4832, 72.2788, 66.9151**.

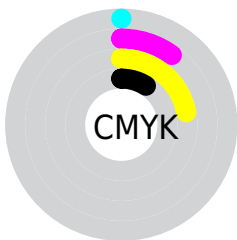
Distribution



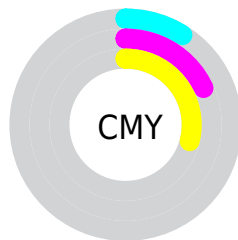
- Red (91%)
- Green (82%)
- Blue (71%)



- Red (87%)
- Yellow (91%)
- Blue (71%)



- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (9%)





- Cyan (9%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.3174, 66.0520, 52.5394 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 64.3174, 66.0520, 52.5394 by changing the saturation by 10% instead.


 64.3174, 66.0520,
52.5394

 64.3174, 66.0520,
52.5394

429.9190,
446.5628, 413.5315

 47.1704, 48.3146,
37.0500


 110.1391,
113.5610, 95.3609

 33.3789, 34.0761,
24.9501


139.5445,
144.1013, 123.5301

 22.5775, 22.9521,
15.8212

173.7669,
179.6782, 156.7630

 14.4008, 14.5581,
9.2447

213.1714,
220.6758, 195.4781

 8.4835, 8.5099,
4.8022

258.1236,
267.4787, 240.0940

 4.4603, 4.4229,
2.0750

308.9886,

 1.9657, 1.9128,

320.4713, 291.0291

0.6008

366.1320,
380.0378, 348.7021

■ 0.6146, 0.5561,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.3174, 66.0520,
52.5394

■ 64.3174, 66.0520,
52.5394

■ 59.7128, 60.3136,
40.3040

■ 69.4832, 72.2788,
66.9151

■ 55.6416, 55.0408,
30.1001

■ 75.2263, 78.9984,
83.5242

■ 52.0809, 50.2218,
21.8155

■ 81.5684, 86.2262,
102.4597

■ 49.0041, 45.8407,
15.3254

■ 85.5281, 92.7742,
108.0072

■ 46.3815, 41.8804,
10.4898

■ 87.0889, 95.8959,
108.5274

■ 44.1793, 38.3219,
7.1480

■ 42.3574, 35.1435,
5.1062

■ 41.1827, 32.9635,
4.1920

Harmonies

Analogous

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



67.9812, 66.0520, 56.7477



64.3174, 66.0520, 52.5394



60.3887, 66.0520, 53.1005

Triad

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



64.3174, 66.0520, 52.5394



55.8101, 66.0520, 79.0836



68.6769, 66.0520, 87.4171

Complementary

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



64.3174, 66.0520, 52.5394



54.7435, 58.2399, 84.7005

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.



65.2345, 66.0520, 94.7297



64.3174, 66.0520, 52.5394



57.8519, 66.0520, 89.5795

Square

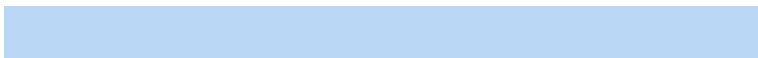
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.3174, 66.0520, 52.5394



55.5879, 66.0520, 67.6409



61.2682, 66.0520, 95.5604



70.5681, 66.0520, 76.3746

Rectangle

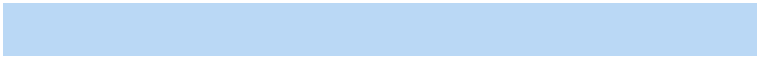
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.3174, 66.0520, 52.5394



58.1447, 66.0520, 56.1168



61.2682, 66.0520, 95.5604



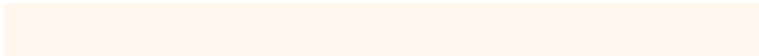
67.6563, 66.0520, 90.4409

Sweetspot

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



64.3191, 66.0550, 52.5408



89.8413, 93.9698, 93.6386



60.4279, 54.1300, 64.0141



19.1373, 20.0052, 19.7750



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.



64.3191, 66.0550, 52.5408



76.9235, 78.4208, 57.6204



69.5363, 77.7329, 54.5199



15.0404, 15.6947, 15.1411



22.9905, 18.5552, 2.3698



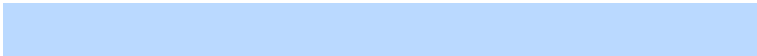
1.7912, 1.5557, 0.2059

Inverse Universe

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



54.7435, 58.2399, 84.7005



63.0452, 67.0960, 104.2357



50.3210, 48.4879, 83.0513



14.1048, 14.9309, 18.2829



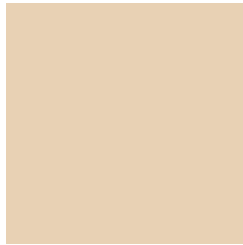
10.8776, 8.8172, 43.5118



0.8951, 0.8342, 3.2458

Previews

White Background



This preview shows how the XYZ color 64.3174, 66.0520, 52.5394 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 64.3174, 66.0520, 52.5394 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 64.3174, 66.0520, 52.5394

Background



This preview shows how black text looks on a background with the XYZ color 64.3174, 66.0520, 52.5394.



This preview shows how white text looks on a background with the XYZ color 64.3174, 66.0520,

52.5394.

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

64.3174, 66.0520, 52.5394

Protanopia

62.3154, 66.1111, 53.1924

Deuteranopia

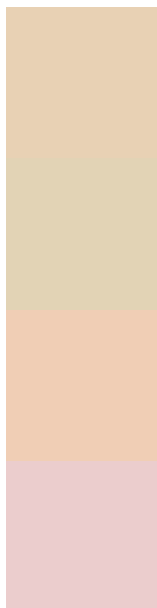
67.2416, 65.7550, 52.8640



Tritanopia

69.0672, 65.8309, 76.0842

Trichromacy



Original Color

64.3174, 66.0520, 52.5394

Protanomaly

62.9988, 66.0935, 53.1530

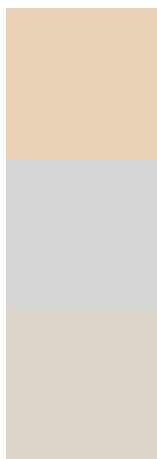
Deuteranomaly

66.3470, 66.0041, 52.9593

Tritanomaly

67.1117, 65.7326, 66.9081

Monochromacy



Original Color

64.3174, 66.0520, 52.5394

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.6013, 66.5197, 64.7458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3174, 66.0520, 52.5394 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, 209, 180)` looks like.

```
.text, #text, p{  
    color:rgb(232, 209, 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(232, 209, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 209, 180) }
```

Border

The CSS property to change the border of an element to XYZ 64.3174, 66.0520, 52.5394 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, 209, 180) }
```


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

```
.border{ border-color:rgb(232, 209, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 209, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 209, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 209, 180); box-shadow:4px 4px 4px 4px rgb(232, 209, 180) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3174, 66.0520, 52.5394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 209, 180) }
```

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

```
.background{ background-color: rgb(232,  
209, 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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