

Converting Colors

XYZ(64.2393, 66.9709, 52.0580)

Have a look what the booklet for
XYZ(64.2393, 66.9709, 52.0580)
contains.

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Color

**XYZ(64.3133, 67.1646,
52.2222)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D4B3
RGB	230, 212, 179
RGB Percent	90%, 83%, 70%
CMY	0.0980, 0.1686, 0.2980
CMYK	0.00, 0.08, 0.22, 0.10
HSL	39°, 50%, 80%
HSV	39°, 22%, 90%
XYZ	64.3133, 67.1646, 52.2222
YIQ	213.6200, 21.3210, -6.4470

Conversions

Conversions Part 2

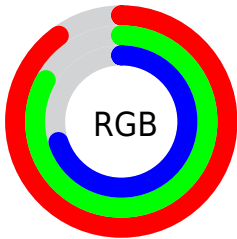
Format	Color
R _Y B	207, 230, 179
Decimal	15127731
CIE Lab	85.59, 1.08, 18.60
CIE LCh	86, 18.628, 86.663
Yxy	67.1646, 0.3501, 0.3656
Android (android.graphics.Color)	4293317811 (0xFFE6D4B3)
YUV	213.6200, -17.0677, 14.3653
Hunter-Lab	81.9540, -3.3419, 19.5874

Details

The XYZ color **64.3133, 67.1646, 52.2222** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.8393, 55.2281, 82.7385**, and the grayscale version is **63.7636, 67.0843, 73.0548**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **33.4483, 34.9587, 24.7235** is the 20% darker color. If you saturate the color by 10%, you get **60.2010, 62.3569, 40.3164**, and if you desaturate by 10%, it is **68.9192, 72.3375, 66.2083**.

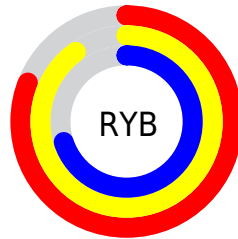
Distribution



Red (90%)

Green (83%)

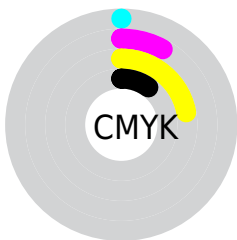
Blue (70%)



Red (81%)

Yellow (90%)

Blue (70%)

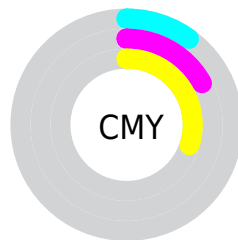


Cyan (0%)

Magenta (8%)

Yellow (22%)

Black (10%)



Cyan (10%)


Magenta (17%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.3133, 67.1646, 52.2222 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 64.3133, 67.1646, 52.2222 by changing the saturation by 10% instead.


 64.3133, 67.1646,
52.2222

 64.3133, 67.1646,
52.2222


429.9045,
450.5304, 412.2752

 47.1671, 49.2184,
36.7988


 110.1332,
115.1562, 94.8888

 33.3763, 34.7928,
24.7571


139.5377,
145.9705, 122.9690

 22.5755, 23.5033,
15.6788


173.7589,
181.8428, 156.1052

 14.3993, 14.9656,
9.1453

213.1623,
223.1577, 194.7159

 8.4825, 8.7952,
4.7380

258.1132,
270.2995, 239.2198

 4.4596, 4.6079,
2.0383

308.9770,

 1.9653, 2.0191,

323.6527, 290.0352

0.5787

366.1189,
383.6015, 347.5808

■ 0.6143, 0.6185,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.3133, 67.1646,
52.2222

■ 64.3133, 67.1646,
52.2222

■ 60.2010, 62.3569,
40.3164

■ 68.9192, 72.3375,
66.2083

■ 56.5562, 57.8948,
30.3849

■ 74.0328, 77.8766,
82.3652

■ 53.3583, 53.7698,
22.3186

■ 79.6739, 83.7945,
100.7832

■ 50.5829, 49.9697,
15.9962

■ 83.1750, 89.0264,
107.4078

■ 48.2026, 46.4810,
11.2819

■ 85.6773, 94.0310,
108.2419

■ 46.1863, 43.2886,
8.0192

■ 86.4433, 95.5631,
108.4972

■ 44.4966, 40.3750,
6.0202

■ 43.3562, 38.2689,
5.1015

Harmonies

Analogous

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



68.4210, 67.1646, 55.3172



64.3133, 67.1646, 52.2222



60.2511, 67.1646, 54.1974

Triad

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



64.3133, 67.1646, 52.2222



56.8301, 67.1646, 84.1097



70.8897, 67.1646, 86.7183

Complementary

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



64.3133, 67.1646, 52.2222



52.8393, 55.2281, 82.7385

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.



67.5644, 67.1646, 96.0282



64.3133, 67.1646, 52.2222



59.4643, 67.1646, 94.4089

Square

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



64.3133, 67.1646, 52.2222



56.0448, 67.1646, 71.7812



63.3649, 67.1646, 98.9861



72.3220, 67.1646, 74.4973

Rectangle

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



64.3133, 67.1646, 52.2222



58.0934, 67.1646, 58.2576



63.3649, 67.1646, 98.9861



69.9492, 67.1646, 90.3418

Sweetspot

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



64.3151, 67.1676, 52.2236



90.3315, 94.9502, 93.8020



58.9124, 53.1274, 60.3952



19.2509, 20.2324, 19.8129



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.



64.3151, 67.1676, 52.2236



78.6127, 81.7991, 58.1835



66.9272, 75.5686, 53.7075



15.1513, 15.9165, 15.1781



24.6648, 21.9038, 2.9279



1.9092, 1.7918, 0.2452

Inverse Universe

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



52.8393, 55.2281, 82.7385



61.4925, 63.9905, 103.7181



50.6050, 48.3684, 81.5322



13.9968, 14.7150, 18.2469



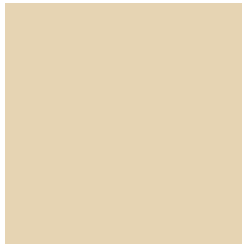
9.8628, 6.7877, 43.1735



0.8138, 0.6715, 3.2187

Previews

White Background



This preview shows how the XYZ color 64.3133, 67.1646, 52.2222 looks on a white background.

Color Contrast Check

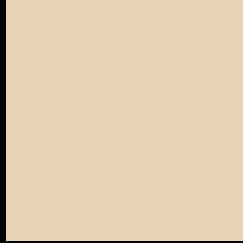
Large Text (above 18pt) WCAG AA × Fail

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 64.3133, 67.1646, 52.2222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

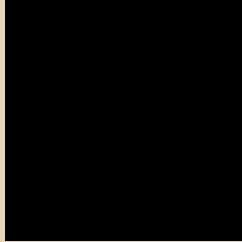
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.3133, 67.1646, 52.2222

Background



This preview shows how black text looks on a background with the XYZ color 64.3133, 67.1646, 52.2222.



This preview shows how white text looks on a background with the XYZ color 64.3133, 67.1646,

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

64.3133, 67.1646, 52.2222

Protanopia

63.3965, 67.0525, 52.7811

Deuteranopia

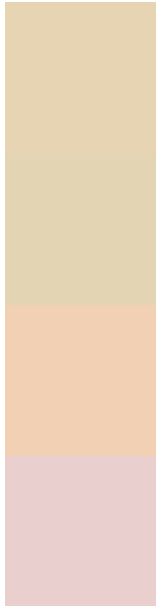
68.6673, 67.2121, 52.5341



Tritanopia

69.5171, 67.0787, 78.3908

Trichromacy



Original Color

64.3133, 67.1646, 52.2222

Protanomaly

63.7110, 67.2147, 52.7958

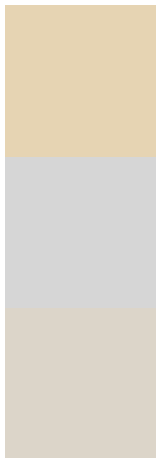
Deuteranomaly

67.0697, 67.1078, 52.5982

Tritanomaly

67.3007, 66.8916, 67.7568

Monochromacy



Original Color

64.3133, 67.1646, 52.2222

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.8521, 67.0212, 64.8294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3133, 67.1646, 52.2222 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(230, 212, 179)` looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 212, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 212, 179) }
```

Border

The CSS property to change the border of an element to XYZ 64.3133, 67.1646, 52.2222 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(230, 212, 179) }
```


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

```
.border{ border-color:rgb(230, 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(230, 212, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 212, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 212, 179);  
box-shadow:4px 4px 4px 4px rgb(230, 212,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3133, 67.1646, 52.2222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 212, 179) }
```

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

```
.background{ background-color: rgb(230,  
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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