

Converting Colors

XYZ(64.8925, 66.6636, 51.2137)

Have a look what the booklet for
XYZ(64.8925, 66.6636, 51.2137)
contains.

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Color

**XYZ(64.9141, 66.7599,
51.0596)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD2B1
RGB	234, 210, 177
RGB Percent	92%, 82%, 69%
CMY	0.0824, 0.1764, 0.3059
CMYK	0.00, 0.10, 0.24, 0.08
HSL	35°, 58%, 81%
HSV	35°, 24%, 92%
XYZ	64.9141, 66.7599, 51.0596
YIQ	213.4140, 24.8970, -5.1750

Conversions

Conversions Part 2

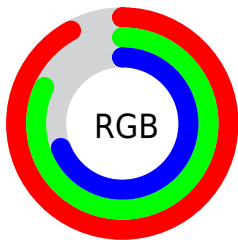
Format	Color
RYB	218, 234, 177
Decimal	15389361
CIELab	85.38, 3.33, 19.41
CIELCh	85, 19.698, 80.273
Yxy	66.7599, 0.3552, 0.3653
Android (android.graphics.Color)	4293579441 (0xFFEAD2B1)
YUV	213.4140, -17.9521, 18.0539
Hunter-Lab	81.7067, -1.1727, 20.1436

Details

The XYZ color **64.9141, 66.7599, 51.0596** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.8691, 57.0596, 86.0167**, and the grayscale version is **63.6293, 66.9430, 72.9009**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **33.8867, 34.6971, 23.9800** is the 20% darker color. If you saturate the color by 10%, you get **60.4217, 61.1927, 39.0250**, and if you desaturate by 10%, it is **69.9598, 72.7925, 65.2532**.

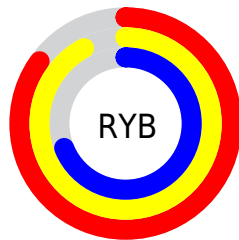
Distribution



Red (92%)

Green (82%)

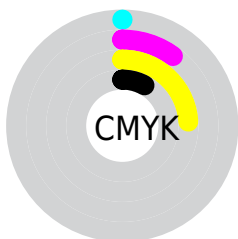
Blue (69%)



Red (85%)

Yellow (92%)

Blue (69%)

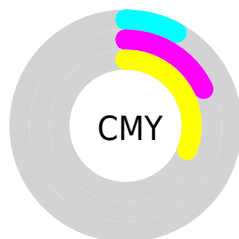


Cyan (0%)

Magenta (10%)

Yellow (24%)

Black (8%)



Cyan (8%)


Magenta (18%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.9141, 66.7599, 51.0596 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 64.9141, 66.7599, 51.0596 by changing the saturation by 10% instead.


 64.9141, 66.7599,
51.0596

 64.9141, 66.7599,
51.0596


432.0333,
449.0897, 407.6485

 47.6559, 48.8895,
35.8790


 110.9927,
114.5763, 93.1553

 33.7646, 34.5319,
24.0518


140.5439,
145.2911, 120.9074

 22.8748, 23.3025,
15.1595

174.9233,
181.0562, 153.6871

 14.6213, 14.8170,
8.7835

214.4965,
222.2560, 191.9130

 8.6386, 8.6911,
4.5054

259.6287,
269.2748, 236.0035

 4.5614, 4.5402,
1.9065

310.6854,

 2.0244, 1.9801,

322.4971, 286.3772

0.4969

368.0318,
382.3073, 343.4527

■ 0.6476, 0.5959,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.9141, 66.7599,
51.0596

■ 64.9141, 66.7599,
51.0596

■ 60.4217, 61.1927,
39.0250

■ 69.9598, 72.7925,
65.2532

■ 56.4541, 56.0685,
29.0370

■ 75.5749, 79.2944,
81.7023

■ 52.9882, 51.3758,
20.9790

■ 81.7816, 86.2806,
100.5026

■ 49.9967, 47.0993,
14.7211

■ 85.9840, 92.7168,
107.9720

■ 47.4491, 43.2219,
10.1170

■ 87.7419, 96.2325,
108.5580

■ 45.3103, 39.7251,
6.9972

■ 43.5381, 36.5868,
5.1549

■ 42.6648, 34.9584,
4.4990

Harmonies

Analogous

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



69.0970, 66.7599, 55.3807



64.9141, 66.7599, 51.0596



60.5263, 66.7599, 51.9890

Triad

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



64.9141, 66.7599, 51.0596



55.7397, 66.7599, 81.5419



70.2841, 66.7599, 89.5549

Complementary

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



64.9141, 66.7599, 51.0596



53.8691, 57.0596, 86.0167

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.



66.4731, 66.7599, 98.2651



64.9141, 66.7599, 51.0596



58.1256, 66.7599, 93.2758

Square

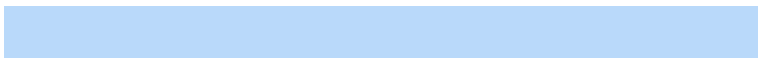
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.9141, 66.7599, 51.0596



55.3661, 66.7599, 68.6168



62.0145, 66.7599, 99.7013



72.2920, 66.7599, 76.9217

Rectangle

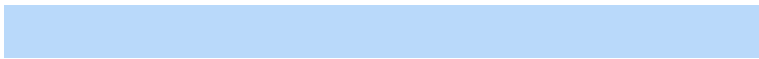
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.9141, 66.7599, 51.0596



58.0665, 66.7599, 55.5064



62.0145, 66.7599, 99.7013



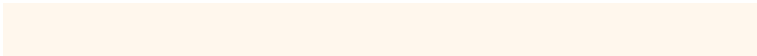
69.1633, 66.7599, 93.0982

Sweetspot

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



64.9159, 66.7629, 51.0610



89.9575, 94.2022, 93.6773



60.2797, 53.1876, 62.7810



19.1642, 20.0590, 19.7840



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.



64.9159, 66.7629, 51.0610



76.2061, 77.8393, 54.7510



70.0565, 78.8765, 53.1282



15.7899, 16.5028, 15.8719



24.1024, 19.8990, 2.5706



1.9874, 1.7522, 0.2335

Inverse Universe

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



53.8691, 57.0596, 86.0167



60.7065, 64.2272, 103.8053



49.5834, 47.1853, 84.3367



14.7523, 15.5911, 19.1541



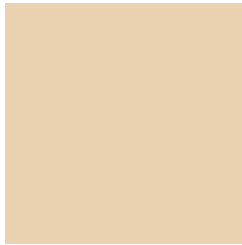
10.9450, 8.5370, 44.8139



0.9527, 0.8569, 3.5501

Previews

White Background



This preview shows how the XYZ color 64.9141, 66.7599, 51.0596 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 64.9141, 66.7599, 51.0596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

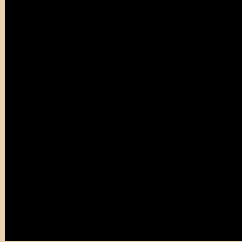
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9141, 66.7599, 51.0596

Background



This preview shows how black text looks on a background with the XYZ color 64.9141, 66.7599, 51.0596.



This preview shows how white text looks on a background with the XYZ color 64.9141, 66.7599,

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

64.9141, 66.7599, 51.0596

Protanopia

62.8815, 66.8104, 51.7010

Deuteranopia

67.8732, 66.4698, 51.3721



Tritanopia

70.1077, 66.7038, 76.8902

Trichromacy



Original Color

64.9141, 66.7599, 51.0596

Protanomaly

63.5743, 66.7953, 51.6615

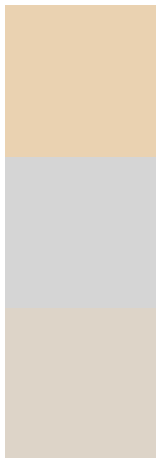
Deuteranomaly

66.9667, 66.7172, 51.4677

Tritanomaly

67.8954, 66.5068, 66.3854

Monochromacy



Original Color

64.9141, 66.7599, 51.0596

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.7876, 66.6292, 64.1423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9141, 66.7599, 51.0596 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, 210, 177)` looks like.

```
.text, #text, p{  
    color:rgb(234, 210, 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(234, 210, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 210, 177) }
```

Border

The CSS property to change the border of an element to XYZ 64.9141, 66.7599, 51.0596 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, 210, 177) }
```


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

```
.border{ border-color:rgb(234, 210, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 210, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 210, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 210, 177);  
box-shadow:4px 4px 4px 4px rgb(234, 210,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9141, 66.7599, 51.0596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 210, 177) }
```

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

```
.background{ background-color: rgb(234,  
210, 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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