

Converting Colors

XYZ(63.3900, 64.7247, 51.3800)

Have a look what the booklet for
XYZ(63.3900, 64.7247, 51.3800)
contains.

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Color

**XYZ(63.6274, 64.9958,
51.3114)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CFB2
RGB	232, 207, 178
RGB Percent	91%, 81%, 70%
CMY	0.0902, 0.1882, 0.3020
CMYK	0.00, 0.11, 0.23, 0.09
HSL	32°, 54%, 80%
HSV	32°, 23%, 91%
XYZ	63.6274, 64.9958, 51.3114
YIQ	211.1690, 24.2090, -3.7190

Conversions

Conversions Part 2

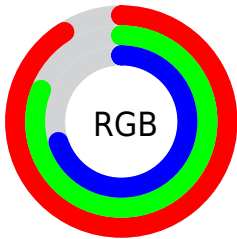
Format	Color
R_{YB}	225, 232, 178
Decimal	15257522
CIE _{Lab}	84.48, 4.28, 17.61
CIE _{LCh}	84, 18.120, 76.328
Yxy	64.9958, 0.3536, 0.3612
Android (android.graphics.Color)	4293447602 (0xFFE8CFB2)
YUV	211.1690, -16.3523, 18.2688
Hunter-Lab	80.6200, -0.2081, 18.6983

Details

The XYZ color **63.6274, 64.9958, 51.3114** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.2811, 58.0015, 84.6787**, and the grayscale version is **62.1235, 65.3587, 71.1757**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **32.9974, 33.4932, 24.1277** is the 20% darker color. If you saturate the color by 10%, you get **58.9788, 59.1162, 39.2251**, and if you desaturate by 10%, it is **68.8504, 71.3928, 65.5342**.

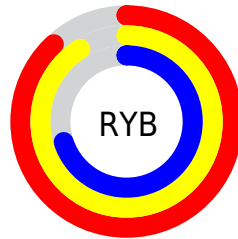
Distribution



Red (91%)

Green (81%)

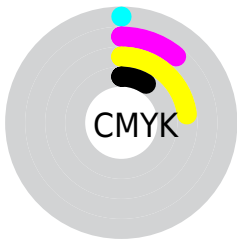
Blue (70%)



Red (88%)

Yellow (91%)

Blue (70%)

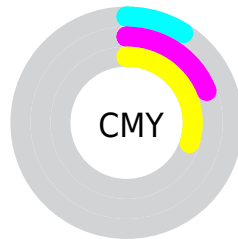


Cyan (0%)

Magenta (11%)

Yellow (23%)

Black (9%)



Cyan (9%)


Magenta (19%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.6274, 64.9958, 51.3114 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 63.6274, 64.9958, 51.3114 by changing the saturation by 10% instead.


 63.6274, 64.9958,
51.3114

 63.6274, 64.9958,
51.3114

427.4664,
442.7769, 408.6535

 46.6095, 47.4577,
36.0780


 109.1509,
112.0438, 93.5311

 32.9337, 33.3976,
24.2043


138.3872,
142.3225, 121.3546

 22.2347, 22.4312,
15.2716


172.4270,
177.6168, 154.2118

 14.1470, 14.1741,
8.8615

211.6358,
218.3112, 192.5213

 8.3054, 8.2418,
4.5554

256.3787,
264.7900, 236.7017

 4.3444, 4.2501,
1.9347

307.0212,

 1.8988, 1.8144,

317.4376, 287.1715

0.5147

363.9287,
376.6384, 344.3493

■ 0.5761, 0.4961,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.6274, 64.9958,
51.3114

■ 63.6274, 64.9958,
51.3114

■ 58.9788, 59.1162,
39.2251

■ 68.8504, 71.3928,
65.5342

■ 54.8762, 53.7303,
29.1658

■ 74.6645, 78.3126,
81.9876

■ 51.2961, 48.8253,
21.0203

■ 81.0919, 85.7715,
100.7649

■ 48.2111, 44.3841,
14.6624

■ 85.5022, 92.7226,
107.9985

■ 45.5908, 40.3885,
9.9505

■ 87.0888, 95.8959,
108.5274

■ 43.4003, 36.8182,
6.7214

■ 41.5983, 33.6499,
4.7773

■ 40.5636, 31.7254,
3.9857

Harmonies

Analogous

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



67.2868, 64.9958, 55.8923



63.6274, 64.9958, 51.3114



59.6223, 64.9958, 51.5267

Triad

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



63.6274, 64.9958, 51.3114



54.6304, 64.9958, 77.1976



67.5562, 64.9958, 87.2371

Complementary

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



63.6274, 64.9958, 51.3114



54.2811, 58.0015, 84.6787

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.



63.9821, 64.9958, 94.2900



63.6274, 64.9958, 51.3114



56.5757, 64.9958, 88.0766

Square

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



63.6274, 64.9958, 51.3114



54.5448, 64.9958, 65.6495



59.9620, 64.9958, 94.6129



69.6208, 64.9958, 76.1488

Rectangle

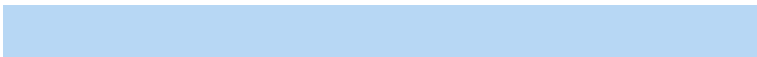
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.6274, 64.9958, 51.3114



57.2962, 64.9958, 54.3447



59.9620, 64.9958, 94.6129



66.4846, 64.9958, 90.2089

Sweetspot

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



63.6291, 64.9987, 51.3128



89.7286, 93.7444, 93.6010



60.0030, 53.3187, 63.7547



19.1111, 19.9530, 19.7663



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.



63.6291, 64.9987, 51.3128



75.9580, 76.9203, 55.9716



69.5903, 77.7841, 53.4664



15.0149, 15.6438, 15.1326



22.6467, 17.8675, 2.2552



1.7663, 1.5058, 0.1976

Inverse Universe

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



54.2811, 58.0015, 84.6787



62.4440, 66.8061, 104.2115



49.2625, 47.3472, 82.8867



14.1299, 14.9812, 18.2913



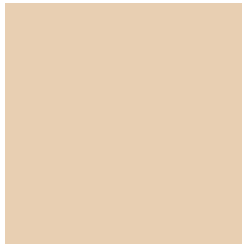
11.1507, 9.3635, 43.6028



0.9161, 0.8762, 3.2528

Previews

White Background



This preview shows how the XYZ color 63.6274, 64.9958, 51.3114 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 63.6274, 64.9958, 51.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

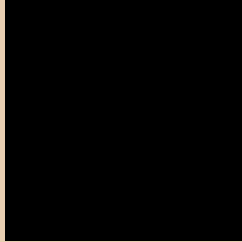
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.6274, 64.9958, 51.3114

Background



This preview shows how black text looks on a background with the XYZ color 63.6274, 64.9958, 51.3114.



This preview shows how white text looks on a background with the XYZ color 63.6274, 64.9958,

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

63.6274, 64.9958, 51.3114

Protanopia

61.4090, 64.9181, 52.4739

Deuteranopia

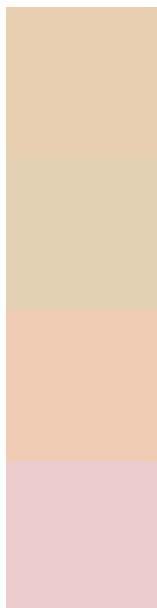
66.4548, 65.0212, 51.6956



Tritanopia

68.3361, 64.7876, 74.5492

Trichromacy



Original Color

63.6274, 64.9958, 51.3114

Protanomaly

62.3012, 65.0244, 51.9152

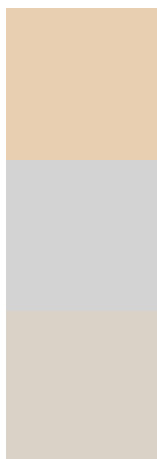
Deuteranomaly

65.3262, 64.7911, 51.7107

Tritanomaly

66.3964, 64.6858, 65.4861

Monochromacy



Original Color

63.6274, 64.9958, 51.3114

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.5688, 65.2768, 63.3348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6274, 64.9958, 51.3114 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, 207, 178)` looks like.

```
.text, #text, p{  
    color:rgb(232, 207, 178)  
}
```

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, 207, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 207, 178) }
```

Border

The CSS property to change the border of an element to XYZ 63.6274, 64.9958, 51.3114 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, 207, 178) }
```


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

```
.border{ border-color:rgb(232, 207, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 207, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 207, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 207, 178);  
box-shadow:4px 4px 4px 4px rgb(232, 207,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6274, 64.9958, 51.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 207, 178) }
```

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

```
.background{ background-color: rgb(232,  
207, 178) }
```

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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