

Converting Colors

XYZ(63.4130, 66.0008, 52.3213)

Have a look what the booklet for
XYZ(63.4130, 66.0008, 52.3213)
contains.

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Color

**XYZ(63.2797, 65.8825,
52.5614)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D2B4
RGB	228, 210, 180
RGB Percent	89%, 82%, 71%
CMY	0.1059, 0.1764, 0.2941
CMYK	0.00, 0.08, 0.21, 0.11
HSL	38°, 47%, 80%
HSV	38°, 21%, 89%
XYZ	63.2797, 65.8825, 52.5614
YIQ	211.9620, 20.3580, -5.5140

Conversions

Conversions Part 2

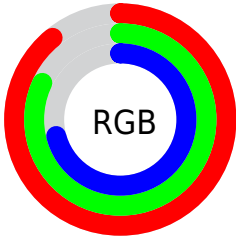
Format	Color
RYB	209, 228, 180
Decimal	14996148
CIELab	84.94, 1.52, 17.14
CIElCh	85, 17.205, 84.918
Yxy	65.8825, 0.3482, 0.3625
Android (android.graphics.Color)	4293186228 (0xFFE4D2B4)
YUV	211.9620, -15.7573, 14.0653
Hunter-Lab	81.1680, -2.8830, 18.4236

Details

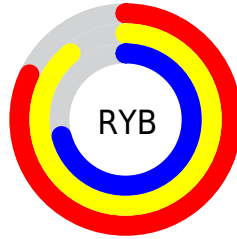
The XYZ color **63.2797, 65.8825, 52.5614** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.0196, 55.6914, 81.3541**, and the grayscale version is **62.6475, 65.9100, 71.7760**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **32.7325, 34.0799, 24.9316** is the 20% darker color. If you saturate the color by 10%, you get **59.0917, 60.9225, 40.6334**, and if you desaturate by 10%, it is **67.9661, 71.2267, 66.5420**.

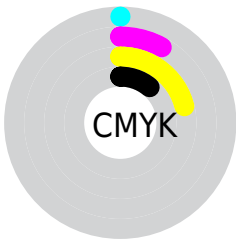
Distribution



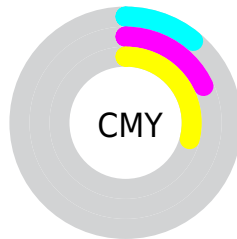
- Red (89%)
- Green (82%)
- Blue (71%)



- Red (82%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (21%)
- Black (11%)





- Cyan (11%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2797, 65.8825, 52.5614 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 63.2797, 65.8825, 52.5614 by changing the saturation by 10% instead.


 63.2797, 65.8825,
52.5614

 63.2797, 65.8825,
52.5614


426.2274,
445.9565, 413.6186

 46.3270, 48.1770,
37.0674


 108.6525,
113.3177, 95.3937

 32.7097, 33.9671,
24.9635


137.8033,
143.8162, 123.5690

 22.0623, 22.8683,
15.8311

171.7509,
179.3478, 156.8086

 14.0195, 14.4963,
9.2517

210.8605,
220.2969, 195.5309

 8.2160, 8.4667,
4.8066

255.4977,
267.0480, 240.1546

 4.2865, 4.3950,
2.0775

306.0276,

 1.8654, 1.8969,

319.9853, 291.0980

0.6023

362.8158,
379.4934, 348.7798

■ 0.5566, 0.5465,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.2797, 65.8825,
52.5614

■ 63.2797, 65.8825,
52.5614

■ 59.0917, 60.9225,
40.6334

■ 67.9661, 71.2267,
66.5420

■ 55.3764, 56.3269,
30.6549

■ 73.1646, 76.9567,
82.6633

■ 52.1135, 52.0870,
22.5203

■ 78.8952, 83.0852,
101.0129

■ 49.2790, 48.1902,
16.1119

■ 82.4548, 88.5337,
107.3506

■ 46.8462, 44.6230,
11.2985

■ 85.0896, 93.8031,
108.2289

■ 44.7848, 41.3700,
7.9297

■ 85.8050, 95.2340,
108.4673

■ 43.0588, 38.4137,
5.8259

■ 41.7461, 35.9963,
4.7477

Harmonies

Analogous

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



66.9868, 65.8825, 55.6951



63.2797, 65.8825, 52.5614



59.5413, 65.8825, 54.1182

Triad

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



63.2797, 65.8825, 52.5614



56.1208, 65.8825, 81.0771



68.8974, 65.8825, 84.6708

Complementary

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



63.2797, 65.8825, 52.5614



53.0196, 55.6914, 81.3541

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.



65.8017, 65.8825, 92.8114



63.2797, 65.8825, 52.5614



58.4460, 65.8825, 90.5916

Square

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



63.2797, 65.8825, 52.5614



55.5074, 65.8825, 69.8667



61.9636, 65.8825, 95.0819



70.3142, 65.8825, 73.6360

Rectangle

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



63.2797, 65.8825, 52.5614



57.5190, 65.8825, 57.6994



61.9636, 65.8825, 95.0819



68.0126, 65.8825, 87.8796

Sweetspot

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



63.2814, 65.8855, 52.5628



90.8810, 95.4482, 95.8380



58.5560, 53.2330, 60.8578



19.3583, 20.3262, 20.2223



0.0000, 0.0000, 0.0000



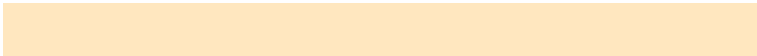
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.2814, 65.8855, 52.5628



79.2755, 82.2406, 61.1303



66.2289, 74.3753, 54.0461



15.1238, 15.8615, 15.1689



24.2231, 21.0203, 2.7806



1.8785, 1.7304, 0.2350

Inverse Universe

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



53.0196, 55.6914, 81.3541



63.9374, 67.0059, 104.1713



50.4783, 48.6339, 80.1258



14.0233, 14.7680, 18.2557



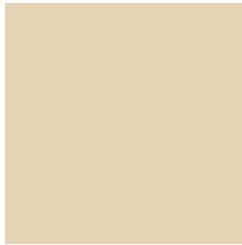
10.0885, 7.2392, 43.2487



0.8324, 0.7088, 3.2249

Previews

White Background



This preview shows how the XYZ color 63.2797, 65.8825, 52.5614 looks on a white background.

Color Contrast Check

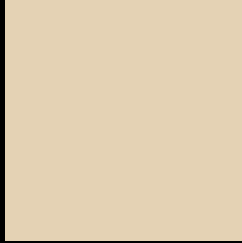
Large Text (above 18pt) WCAG AA × Fail

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 63.2797, 65.8825, 52.5614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

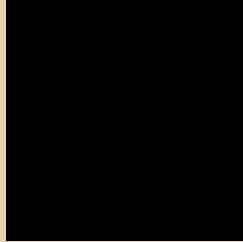
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2797, 65.8825, 52.5614

Background



This preview shows how black text looks on a background with the XYZ color 63.2797, 65.8825, 52.5614.



This preview shows how white text looks on a background with the XYZ color 63.2797, 65.8825,

52.5614.

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

63.2797, 65.8825, 52.5614

Protanopia

62.3154, 66.1111, 53.1924

Deuteranopia

67.2416, 65.7550, 52.8640



Tritanopia

68.1154, 65.6767, 76.7969

Trichromacy



Original Color

63.2797, 65.8825, 52.5614

Protanomaly

62.6861, 65.9323, 53.1384

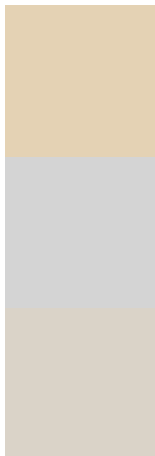
Deuteranomaly

65.6717, 65.6560, 52.9277

Tritanomaly

66.0457, 65.5393, 66.9270

Monochromacy



Original Color

63.2797, 65.8825, 52.5614

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.6330, 65.6641, 64.0169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2797, 65.8825, 52.5614 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(228, 210, 180)` looks like.

```
.text, #text, p{  
    color:rgb(228, 210, 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(228, 210, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 210, 180) }
```

Border

The CSS property to change the border of an element to XYZ 63.2797, 65.8825, 52.5614 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(228, 210, 180) }
```


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

```
.border{ border-color:rgb(228, 210, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 210, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 210, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 210, 180);  
box-shadow:4px 4px 4px 4px rgb(228, 210,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2797, 65.8825, 52.5614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 210, 180) }
```

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

```
.background{ background-color: rgb(228,  
210, 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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