

Converting Colors

XYZ(65.1297, 69.6429, 53.2980)

Have a look what the booklet for
XYZ(65.1297, 69.6429, 53.2980)
contains.

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Color

**XYZ(65.0460, 69.4150,
53.1502)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D9B4
RGB	228, 217, 180
RGB Percent	89%, 85%, 71%
CMY	0.1059, 0.1490, 0.2941
CMYK	0.00, 0.05, 0.21, 0.11
HSL	46°, 47%, 80%
HSV	46°, 21%, 89%
XYZ	65.0460, 69.4150, 53.1502
YIQ	216.0710, 18.4330, -9.1750

Conversions

Conversions Part 2

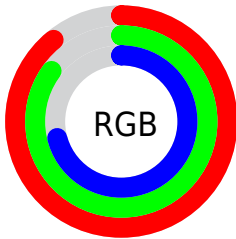
Format	Color
RYB	194, 228, 180
Decimal	14997940
CIELab	86.71, -2.09, 19.61
CIElCh	87, 19.721, 96.089
Yxy	69.4150, 0.3467, 0.3700
Android (android.graphics.Color)	4293188020 (0xFFE4D9B4)
YUV	216.0710, -17.7830, 10.4617
Hunter-Lab	83.3157, -6.4443, 20.4976

Details

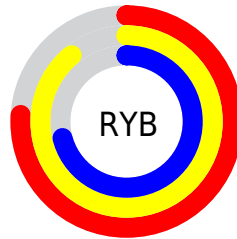
The XYZ color **65.0460, 69.4150, 53.1502** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.4566, 52.5651, 80.8332**, and the grayscale version is **65.4287, 68.8361, 74.9625**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **33.7644, 36.1436, 25.2755** is the 20% darker color. If you saturate the color by 10%, you get **61.5874, 65.9139, 41.4653**, and if you desaturate by 10%, it is **68.9330, 73.1604, 66.8645**.

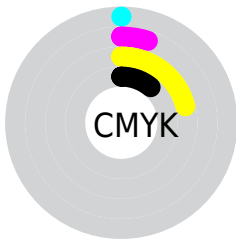
Distribution



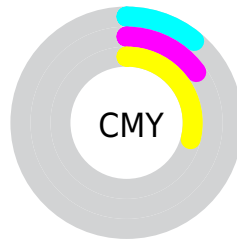
- Red (89%)
- Green (85%)
- Blue (71%)



- Red (76%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (5%)
- Yellow (21%)
- Black (11%)





- Cyan (11%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0460, 69.4150, 53.1502 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 65.0460, 69.4150, 53.1502 by changing the saturation by 10% instead.


 65.0460, 69.4150,
53.1502

 65.0460, 69.4150,
53.1502


432.4999,
458.4933, 415.9437

 47.7632, 51.0498,
37.5341


 111.1813,
118.3741, 96.2691

 33.8499, 36.2482,
25.3223


140.7646,
149.7368, 124.6091

 22.9406, 24.6260,
16.0961


175.1787,
186.2007, 158.0274

 14.6701, 15.7986,
9.4371

214.7891,
228.1503, 196.9427

 8.6730, 9.3818,
4.9267

259.9610,
275.9700, 241.7734

 4.5839, 4.9910,
2.1463

311.0599,

 2.0375, 2.2420,

330.0441, 292.9381

0.6431

368.4510,
390.7571, 350.8554

■ 0.6549, 0.7427,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.0460, 69.4150,
53.1502

■ 65.0460, 69.4150,
53.1502

■ 61.5874, 65.9139,
41.4653

■ 68.9330, 73.1604,
66.8645

■ 58.5327, 62.6395,
31.7071

■ 73.2606, 77.1485,
82.6954

■ 55.8630, 59.5860,
23.7702

■ 78.0475, 81.3897,
100.7306

■ 53.5558, 56.7438,
17.5375

■ 80.5895, 84.8029,
106.7288

■ 51.5858, 54.1021,
12.8784

■ 82.1314, 87.8866,
107.2428

■ 49.9242, 51.6487,
9.6428

■ 83.7177, 91.0593,
107.7715

■ 48.5366, 49.3693,
7.6518

■ 85.3489, 94.3216,
108.3153

■ 47.4761, 47.4561,
6.6577

■ 85.8051, 95.2341,
108.4673

Harmonies

Analogous

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



69.6154, 69.4150, 54.7674



65.0460, 69.4150, 53.1502



60.9184, 69.4150, 56.9569

Triad

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



65.0460, 69.4150, 53.1502



59.1053, 69.4150, 91.4523



74.3699, 69.4150, 86.2847

Complementary

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



65.0460, 69.4150, 53.1502



51.4566, 52.5651, 80.8332

Split Complementary

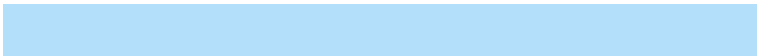
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.3080, 69.4150, 97.8781



65.0460, 69.4150, 53.1502



62.4674, 69.4150, 101.0951

Square

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



65.0460, 69.4150, 53.1502



57.5922, 69.4150, 78.2915



66.9166, 69.4150, 103.5730



75.1382, 69.4150, 72.9341

Rectangle

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



65.0460, 69.4150, 53.1502



58.9268, 69.4150, 62.3506



66.9166, 69.4150, 103.5730



73.5680, 69.4150, 90.5622

Sweetspot

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



65.0478, 69.4181, 53.1517



91.5758, 96.8377, 96.0696



57.7429, 52.9078, 56.5754



19.5228, 20.6551, 20.2771



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.



65.0478, 69.4181, 53.1517



81.9486, 87.5869, 62.0214



64.0653, 73.2600, 53.9450



15.3070, 16.2279, 15.2300



27.5079, 27.5900, 3.8756



2.1012, 2.1758, 0.3092

Inverse Universe

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



51.4566, 52.5651, 80.8332



61.6347, 62.4006, 103.4038



52.2671, 49.5561, 80.2097



13.8494, 14.4201, 18.1978



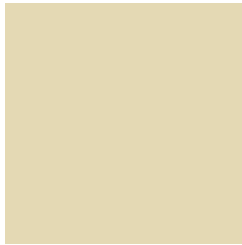
8.8753, 4.8126, 42.8443



0.7252, 0.4943, 3.1892

Previews

White Background



This preview shows how the XYZ color 65.0460, 69.4150, 53.1502 looks on a white background.

Color Contrast Check

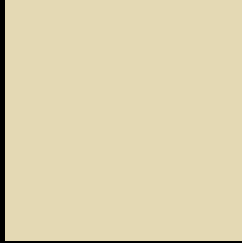
Large Text (above 18pt) WCAG AA × Fail

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 65.0460, 69.4150, 53.1502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

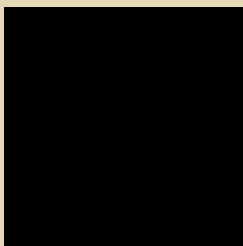
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

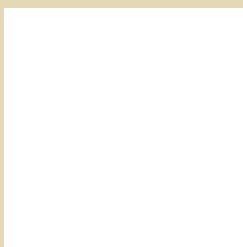
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0460, 69.4150, 53.1502

Background



This preview shows how black text looks on a background with the XYZ color 65.0460, 69.4150, 53.1502.

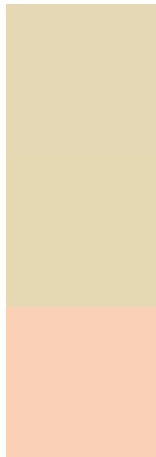


This preview shows how white text looks on a background with the XYZ color 65.0460, 69.4150,

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

65.0460, 69.4150, 53.1502

Protanopia

65.3642, 69.5790, 53.1650

Deuteranopia

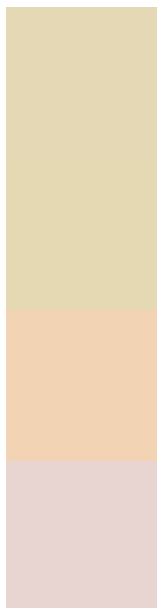
70.6683, 69.3023, 53.9080



Tritanopia

70.8434, 69.1317, 82.2829

Trichromacy



Original Color

65.0460, 69.4150, 53.1502

Protanomaly

65.3642, 69.5790, 53.1650

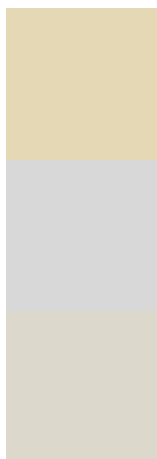
Deuteranomaly

68.5019, 69.3004, 53.4819

Tritanomaly

68.7058, 69.3974, 70.7466

Monochromacy



Original Color

65.0460, 69.4150, 53.1502

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.8506, 68.6392, 66.3306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0460, 69.4150, 53.1502 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, 217, 180)` looks like.

```
.text, #text, p{  
    color:rgb(228, 217, 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, 217, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 217, 180) }
```

Border

The CSS property to change the border of an element to XYZ 65.0460, 69.4150, 53.1502 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, 217, 180) }
```


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

```
.border{ border-color:rgb(228, 217, 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, 217, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 217, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 217, 180); box-shadow:4px 4px 4px 4px rgb(228, 217, 180) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0460, 69.4150, 53.1502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 217, 180) }
```

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

```
.background{ background-color: rgb(228,  
217, 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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