

Converting Colors

XYZ(65.4772, 72.0998, 50.3631)

Have a look what the booklet for
XYZ(65.4772, 72.0998, 50.3631)
contains.

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Color

**XYZ(65.3917, 72.0001,
50.4953)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DFAE
RGB	226, 223, 174
RGB Percent	89%, 87%, 68%
CMY	0.1137, 0.1255, 0.3176
CMYK	0.00, 0.01, 0.23, 0.11
HSL	57°, 47%, 78%
HSV	57°, 23%, 89%
XYZ	65.3917, 72.0001, 50.4953
YIQ	218.3110, 17.5170, -14.6030

Conversions

Conversions Part 2

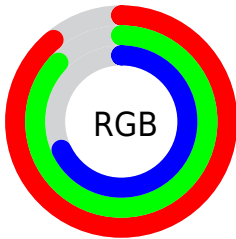
Format	Color
RYB	177, 226, 174
Decimal	14868398
CIELab	87.97, -6.74, 24.45
CIElCh	88, 25.361, 105.416
Yxy	72.0001, 0.3480, 0.3832
Android (android.graphics.Color)	4293058478 (0xFFE2DFAE)
YUV	218.3110, -21.8453, 6.7433
Hunter-Lab	84.8529, -10.9319, 24.1140

Details

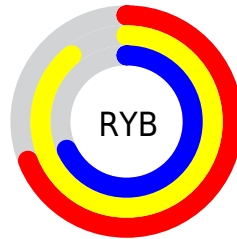
The XYZ color **65.3917, 72.0001, 50.4953** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.9050, 45.9329, 78.3456**, and the grayscale version is **66.9944, 70.4833, 76.7564**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **34.0314, 37.9318, 23.6171** is the 20% darker color. If you saturate the color by 10%, you get **63.0256, 70.5018, 39.7360**, and if you desaturate by 10%, it is **68.1350, 73.6585, 63.2110**.

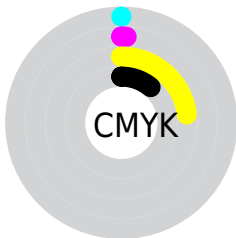
Distribution



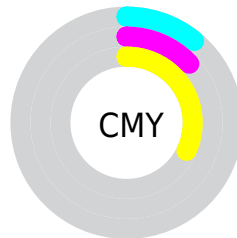
- Red (89%)
- Green (87%)
- Blue (68%)



- Red (69%)
- Yellow (89%)
- Blue (68%)



- Cyan (0%)
- Magenta (1%)
- Yellow (23%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3917, 72.0001, 50.4953 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 65.3917, 72.0001, 50.4953 by changing the saturation by 10% instead.

■ 65.3917, 72.0001,
50.4953

■ 65.3917, 72.0001,
50.4953

433.7212,
467.5419, 405.3901

■ 48.0446, 53.1588,
35.4332

■ 111.6754,
122.0567, 92.3122

■ 34.0736, 37.9295,
23.7105

141.3427,
154.0407, 119.9040

■ 23.1133, 25.9280,
14.9088

175.8476,
191.1744, 152.5094

■ 14.7984, 16.7698,
8.6095

215.5552,
233.8422, 190.5470

■ 8.7634, 10.0705,
4.3940

260.8310,
282.4284, 234.4354

■ 4.6430, 5.4457,
1.8439

312.0404,

■ 2.0720, 2.5111,

337.3175, 284.5930

0.4567

369.5487,
398.8939, 341.4384

■ 0.6739, 0.8822,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.3917, 72.0001,
50.4953

■ 65.3917, 72.0001,
50.4953

■ 63.0256, 70.5018,
39.7360

■ 68.1350, 73.6585,
63.2110

■ 61.0124, 69.1465,
30.8308

■ 71.2671, 75.4742,
77.9692

■ 59.3341, 67.9293,
23.6752

■ 74.8061, 77.4570,
94.8567

■ 57.9682, 66.8415,
18.1524

■ 77.2160, 78.9925,
105.7851

■ 56.8901, 65.8729,
14.1314

■ 77.5759, 79.7122,
105.9051

■ 56.0710, 65.0122,
11.4612

■ 77.9385, 80.4374,
106.0259

■ 55.4761, 64.2454,
9.9592

■ 78.3038, 81.1680,
106.1477

■ 55.1545, 63.7495,
9.3979

■ 78.6718, 81.9040,
106.2703

■ 79.0425, 82.6454,
106.3939

Harmonies

Analogous

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



71.4012, 72.0001, 50.4020



65.3917, 72.0001, 50.4953



60.4882, 72.0001, 57.2821

Triad

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



65.3917, 72.0001, 50.4953



60.5982, 72.0001, 104.5624



80.3049, 72.0001, 87.0760

Complementary

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



65.3917, 72.0001, 50.4953



46.9050, 45.9329, 78.3456

Split Complementary

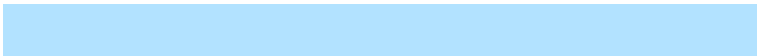
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.0467, 72.0001, 104.1487



65.3917, 72.0001, 50.4953



65.5500, 72.0001, 115.2077

Square

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



65.3917, 72.0001, 50.4953



57.8337, 72.0001, 87.5778



71.5691, 72.0001, 115.0461



80.2563, 72.0001, 69.8792

Rectangle

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



65.3917, 72.0001, 50.4953



58.4032, 72.0001, 65.3520



71.5691, 72.0001, 115.0461



79.5520, 72.0001, 93.0692

Sweetspot

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



65.3936, 72.0033, 50.4968



91.9809, 98.2490, 94.3518



54.4832, 49.6347, 48.5491



19.6337, 20.9981, 19.9405



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.



65.3936, 72.0033, 50.4968



84.3120, 93.6282, 58.7562



59.5929, 70.2113, 50.4567



14.8006, 15.8872, 14.5932



31.4961, 36.4300, 5.3717



2.2040, 2.5669, 0.3793

Inverse Universe

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



46.9050, 45.9329, 78.3456



55.6433, 53.2046, 101.9445



51.7683, 47.5715, 78.4056



13.0151, 13.3693, 17.2822



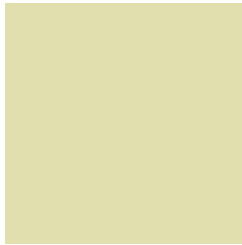
7.9415, 3.3526, 41.2769



0.5731, 0.2777, 2.8686

Previews

White Background



This preview shows how the XYZ color 65.3917, 72.0001, 50.4953 looks on a white background.

Color Contrast Check

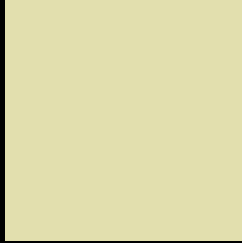
Large Text (above 18pt) WCAG AA × Fail

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 65.3917, 72.0001, 50.4953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

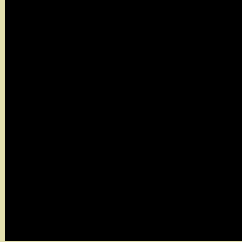
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

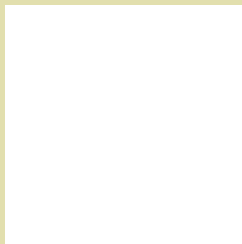
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3917, 72.0001, 50.4953

Background



This preview shows how black text looks on a background with the XYZ color 65.3917, 72.0001, 50.4953.



This preview shows how white text looks on a background with the XYZ color 65.3917, 72.0001,

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

65.3917, 72.0001, 50.4953

Protanopia

67.3970, 71.8657, 49.8544

Deuteranopia

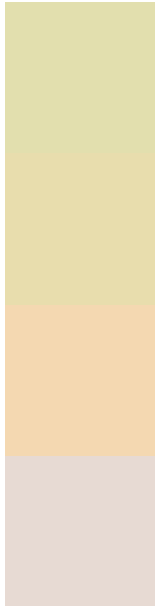
72.9202, 71.6016, 52.6250



Tritanopia

72.7976, 71.9195, 86.3889

Trichromacy



Original Color

65.3917, 72.0001, 50.4953

Protanomaly

66.6780, 71.8858, 49.8962

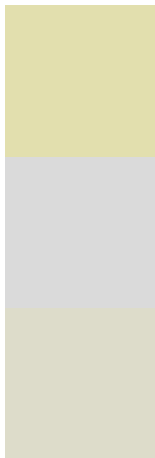
Deuteranomaly

69.7999, 71.5192, 51.7207

Tritanomaly

69.7843, 71.8349, 71.8155

Monochromacy



Original Color

65.3917, 72.0001, 50.4953

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.0727, 70.8228, 66.0649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3917, 72.0001, 50.4953 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(226, 223, 174)` looks like.

```
.text, #text, p{  
    color:rgb(226, 223, 174)  
}
```

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(226, 223, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 223, 174) }
```

Border

The CSS property to change the border of an element to XYZ 65.3917, 72.0001, 50.4953 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(226, 223, 174) }
```


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

```
.border{ border-color:rgb(226, 223, 174) }
```

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

Here you see how a box with a 4 pixel rgb(226, 223, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 223, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 223, 174);  
box-shadow:4px 4px 4px 4px rgb(226, 223,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3917, 72.0001, 50.4953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 223, 174) }
```

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

```
.background{ background-color: rgb(226,  
223, 174) }
```

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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