

Converting Colors

XYZ(65.0788, 71.4355, 53.7698)

Have a look what the booklet for
XYZ(65.0788, 71.4355, 53.7698)
contains.

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Color

**XYZ(65.1000, 71.3851,
53.5276)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DEB4
RGB	224, 222, 180
RGB Percent	88%, 87%, 71%
CMY	0.1216, 0.1294, 0.2941
CMYK	0.00, 0.01, 0.20, 0.12
HSL	57°, 42%, 79%
HSV	57°, 20%, 88%
XYZ	65.1000, 71.3851, 53.5276
YIQ	217.8100, 14.6740, -12.6380

Conversions

Conversions Part 2

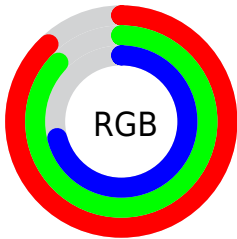
Format	Color
R _Y B	182, 224, 180
Decimal	14737076
CIE Lab	87.67, -6.12, 20.90
CIE LCh	88, 21.775, 106.321
Yxy	71.3851, 0.3426, 0.3757
Android (android.graphics.Color)	4292927156 (0xFFE0DEB4)
YUV	217.8100, -18.6403, 5.4286
Hunter-Lab	84.4897, -10.3213, 21.5802

Details

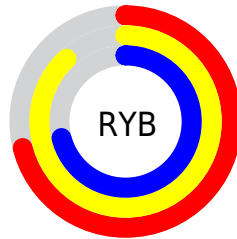
The XYZ color **65.1000, 71.3851, 53.5276** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.0049, 48.5401, 77.3079**, and the grayscale version is **66.6285, 70.0984, 76.3371**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **33.7979, 37.4946, 25.5345** is the 20% darker color. If you saturate the color by 10%, you get **62.7318, 70.0098, 42.3753**, and if you desaturate by 10%, it is **67.8424, 72.9175, 66.6258**.

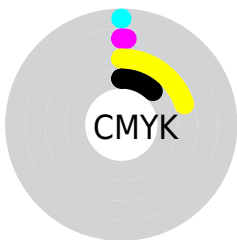
Distribution



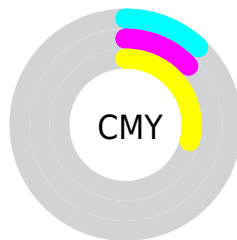
- Red (88%)
- Green (87%)
- Blue (71%)



- Red (71%)
- Yellow (88%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)
- Black (12%)



- Cyan (12%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1000, 71.3851, 53.5276 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 65.1000, 71.3851, 53.5276 by changing the saturation by 10% instead.

65.1000, 71.3851,
53.5276

65.1000, 71.3851,
53.5276

432.6908,
465.3985, 417.4296

47.8072, 52.6565,
37.8335

111.2585,
121.1819, 96.8297

33.8848, 37.5286,
25.5527

140.8549,
153.0189, 125.2747

22.9676, 25.6171,
16.2665

175.2832,
189.9942, 158.8072

14.6901, 16.5374,
9.5566

214.9088,
232.4922, 197.8456

8.6871, 9.9052,
5.0042

260.0970,
280.8972, 242.8085

4.5931, 5.3362,
2.1909

311.2131,

2.0429, 2.4458,

335.5936, 294.1145

0.6691

368.6226,
396.9660, 352.1820

■ 0.6579, 0.8493,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.1000, 71.3851,
53.5276

■ 65.1000, 71.3851,
53.5276

■ 62.7318, 70.0098,
42.3753

■ 67.8424, 72.9175,
66.6258

■ 60.7145, 68.7751,
33.0711

■ 70.9700, 74.6041,
81.7522

■ 59.0308, 67.6764,
25.5159

■ 74.5000, 76.4544,
98.9899

■ 57.6598, 66.7053,
19.5991

■ 76.0058, 77.4975,
105.5603

■ 56.5781, 65.8526,
15.1979

■ 76.2829, 78.0519,
105.6527

■ 55.7590, 65.1075,
12.1720

■ 76.5617, 78.6095,
105.7456

■ 55.1711, 64.4574,
10.3549

■ 76.8422, 79.1704,
105.8391

■ 54.7611, 63.8811,
9.4671

■ 77.1243, 79.7345,
105.9332

■ 54.7475, 63.8610,
9.4409

■ 77.4080, 80.3020,
106.0277

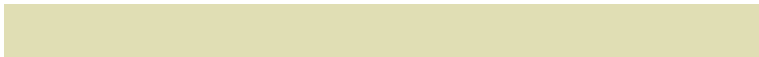
Harmonies

Analogous

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



70.2221, 71.3851, 53.2636



65.1000, 71.3851, 53.5276



60.9258, 71.3851, 59.7126

Triad

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



65.1000, 71.3851, 53.5276



61.2273, 71.3851, 100.1337



77.9503, 71.3851, 84.6391

Complementary

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



65.1000, 71.3851, 53.5276



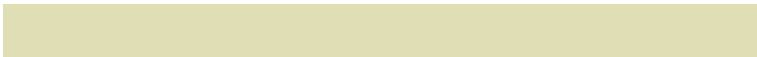
49.0049, 48.5401, 77.3079

Split Complementary

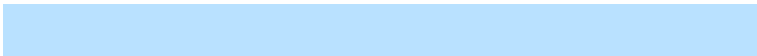
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2786, 71.3851, 99.0409



65.1000, 71.3851, 53.5276



65.5308, 71.3851, 108.7229

Square

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



65.1000, 71.3851, 53.5276



58.7686, 71.3851, 85.9855



70.6751, 71.3851, 108.2994



77.8205, 71.3851, 70.0135

Rectangle

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



65.1000, 71.3851, 53.5276



59.1651, 71.3851, 66.8671



70.6751, 71.3851, 108.2994



77.3445, 71.3851, 89.7017

Sweetspot

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



65.1019, 71.3883, 53.5291



92.4627, 98.6116, 96.3652



55.5267, 51.8765, 51.4520



19.7330, 21.0756, 20.3472



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.



65.1019, 71.3883, 53.5291



85.8362, 94.9081, 64.7163



59.8513, 69.4729, 53.4362



14.8157, 15.9174, 14.5983



31.8905, 37.2188, 5.5031



2.2272, 2.6132, 0.3870

Inverse Universe

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



49.0049, 48.5401, 77.3079



60.1168, 58.4028, 102.7121



53.5427, 50.2772, 77.4040



13.0017, 13.3424, 17.2778



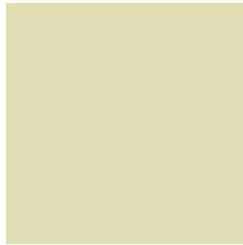
7.9181, 3.3058, 41.2691



0.5667, 0.2648, 2.8665

Previews

White Background



This preview shows how the XYZ color 65.1000, 71.3851, 53.5276 looks on a white background.

Color Contrast Check

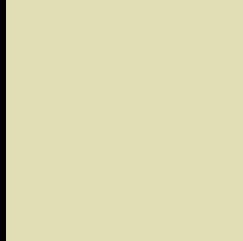
Large Text (above 18pt) WCAG AA × Fail

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 65.1000, 71.3851, 53.5276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

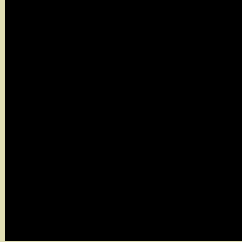
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

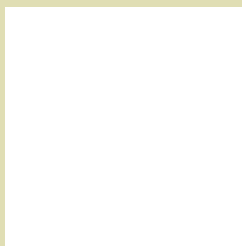
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.1000, 71.3851, 53.5276

Background



This preview shows how black text looks on a background with the XYZ color 65.1000, 71.3851, 53.5276.



This preview shows how white text looks on a background with the XYZ color 65.1000, 71.3851,

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

65.1000, 71.3851, 53.5276

Protanopia

67.0725, 71.2413, 52.8637

Deuteranopia

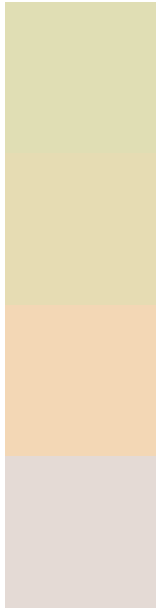
72.6108, 71.0368, 54.1404



Tritanopia

71.8209, 71.4160, 86.3432

Trichromacy



Original Color

65.1000, 71.3851, 53.5276

Protanomaly

66.3630, 71.2641, 52.9055

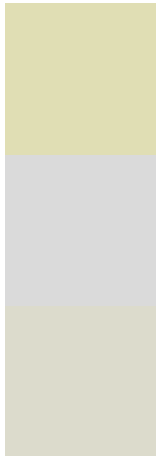
Deuteranomaly

69.6031, 70.9918, 53.7504

Tritanomaly

69.0766, 71.4409, 73.0995

Monochromacy



Original Color

65.1000, 71.3851, 53.5276

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.7458, 70.2383, 67.2189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1000, 71.3851, 53.5276 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(224, 222, 180)` looks like.

```
.text, #text, p{  
    color:rgb(224, 222, 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(224, 222, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 222, 180) }
```

Border

The CSS property to change the border of an element to XYZ 65.1000, 71.3851, 53.5276 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(224, 222, 180) }
```


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

```
.border{ border-color:rgb(224, 222, 180) }
```

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

Here you see how a box with a 4 pixel rgb(224, 222, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 222, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 222, 180);  
box-shadow:4px 4px 4px 4px rgb(224, 222,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1000, 71.3851, 53.5276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 222, 180) }
```

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

```
.background{ background-color: rgb(224,  
222, 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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