

Converting Colors

XYZ(68.8120, 71.6250, 56.1342)

Have a look what the booklet for
XYZ(68.8120, 71.6250, 56.1342)
contains.

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Color

**XYZ(68.7534, 71.6501,
56.1051)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDAB9
RGB	237, 218, 185
RGB Percent	93%, 85%, 73%
CMY	0.0706, 0.1451, 0.2745
CMYK	0.00, 0.08, 0.22, 0.07
HSL	38°, 59%, 83%
HSV	38°, 22%, 93%
XYZ	68.7534, 71.6501, 56.1051
YIQ	219.9190, 21.9170, -6.2350

Conversions

Conversions Part 2

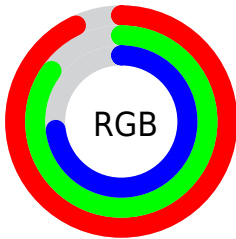
Format	Color
R_{YB}	215, 237, 185
Decimal	15588025
CIE _{Lab}	87.80, 1.42, 18.62
CIE _{LCh}	88, 18.679, 85.629
Yxy	71.6501, 0.3499, 0.3646
Android (android.graphics.Color)	4293778105 (0xFFEDDAB9)
YUV	219.9190, -17.2151, 14.9800
Hunter-Lab	84.6464, -3.1459, 19.9540

Details

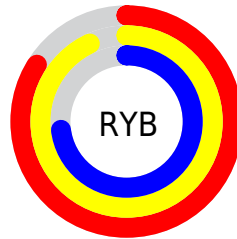
The XYZ color **68.7534, 71.6501, 56.1051** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.8862, 59.6130, 88.6294**, and the grayscale version is **68.0782, 71.6235, 77.9980**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **36.3181, 37.6841, 27.1894** is the 20% darker color. If you saturate the color by 10%, you get **64.2710, 66.3606, 43.2793**, and if you desaturate by 10%, it is **73.7740, 77.3474, 71.1695**.

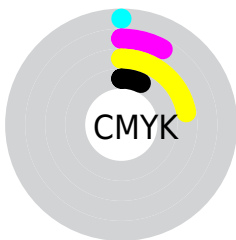
Distribution



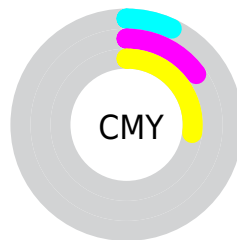
- Red (93%)
- Green (85%)
- Blue (73%)



- Red (84%)
- Yellow (93%)
- Blue (73%)



- Cyan (0%)
- Magenta (8%)
- Yellow (22%)
- Black (7%)



- Cyan (7%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.7534, 71.6501, 56.1051 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 68.7534, 71.6501, 56.1051 by changing the saturation by 10% instead.

68.7534, 71.6501,
56.1051

68.7534, 71.6501,
56.1051

445.4957,
466.3228, 427.4869

50.7868, 52.8729,
39.8826

116.4653,
121.5589, 100.6456

36.2593, 37.7013,
27.1340

146.9413,
153.4594, 129.8006

24.8056, 25.7510,
17.4405

182.3178,
190.5030, 164.1036

16.0602, 16.6374,
10.3838

222.9602,
233.0742, 203.9732

9.6579, 9.9763,
5.5452

269.2339,
281.5574, 249.8277

5.2332, 5.3833,
2.5063

321.5041,

2.4209, 2.4738,

336.3369, 302.0858

0.8435

380.1363,
397.7973, 361.1660

■ 0.8556, 0.8635,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.7534, 71.6501,
56.1051

■ 68.7534, 71.6501,
56.1051

■ 64.2710, 66.3606,
43.2793

■ 73.7740, 77.3474,
71.1695

■ 60.2986, 61.4575,
32.5782

■ 79.3481, 83.4541,
88.5697

■ 56.8139, 56.9313,
23.8847

■ 85.3193, 89.9128,
107.4658

■ 53.7905, 52.7686,
17.0682

■ 87.9855, 95.2452,
108.3546

■ 51.1988, 48.9545,
11.9828

■ 88.7352, 96.7446,
108.6045

■ 49.0050, 45.4724,
8.4607

■ 47.1691, 42.3029,
6.2998

■ 45.8998, 39.9537,
5.2927

Harmonies

Analogous

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



73.0309, 71.6501, 59.5394



68.7534, 71.6501, 56.1051



64.4782, 71.6501, 57.9981

Triad

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



68.7534, 71.6501, 56.1051



60.6969, 71.6501, 89.0649



75.3868, 71.6501, 92.6338

Complementary

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



68.7534, 71.6501, 56.1051



56.8862, 59.6130, 88.6294

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.



71.8576, 71.6501, 102.1765



68.7534, 71.6501, 56.1051



63.3986, 71.6501, 99.9641

Square

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



68.7534, 71.6501, 56.1051



59.9458, 71.6501, 76.1678



67.4533, 71.6501, 104.9939



76.9648, 71.6501, 79.8913

Rectangle

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



68.7534, 71.6501, 56.1051



62.1844, 71.6501, 62.1490



67.4533, 71.6501, 104.9939



74.3821, 71.6501, 96.3741

Sweetspot

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



68.7553, 71.6533, 56.1066



90.2630, 94.8133, 93.7791



63.1818, 57.0662, 64.8543



19.2350, 20.2007, 19.8076



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.



68.7553, 71.6533, 56.1066



78.9075, 81.9506, 59.6327



71.6962, 80.9057, 57.7375



15.8625, 16.6480, 15.8961



25.1887, 22.0717, 2.9327



2.0690, 1.9153, 0.2606

Inverse Universe

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



56.8862, 59.6130, 88.6294



62.7357, 65.5481, 103.9533



54.3572, 52.0111, 87.2954



14.6817, 15.4499, 19.1306



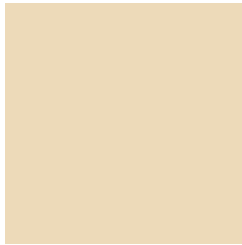
10.3018, 7.2506, 44.5995



0.8978, 0.7471, 3.5318

Previews

White Background



This preview shows how the XYZ color 68.7534, 71.6501, 56.1051 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 68.7534, 71.6501, 56.1051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

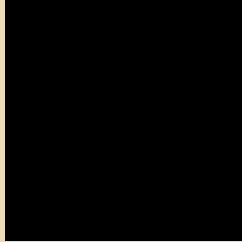
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.7534, 71.6501, 56.1051

Background



This preview shows how black text looks on a background with the XYZ color 68.7534, 71.6501, 56.1051.



This preview shows how white text looks on a background with the XYZ color 68.7534, 71.6501,

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

68.7534, 71.6501, 56.1051

Protanopia

67.7348, 71.8874, 56.7600

Deuteranopia

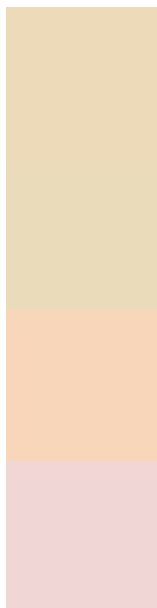
72.9144, 71.5148, 56.4151



Tritanopia

74.1650, 71.5656, 83.3034

Trichromacy



Original Color

68.7534, 71.6501, 56.1051

Protanomaly

68.1261, 71.7006, 56.7033

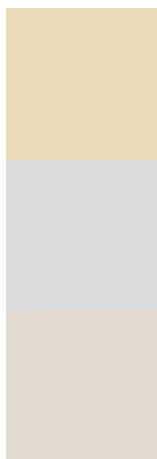
Deuteranomaly

71.2673, 71.4125, 56.4822

Tritanomaly

71.8654, 71.3719, 72.2758

Monochromacy



Original Color

68.7534, 71.6501, 56.1051

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.9580, 71.3368, 69.2191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.7534, 71.6501, 56.1051 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(237, 218, 185)` looks like.

```
.text, #text, p{  
    color:rgb(237, 218, 185)  
}
```

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(237, 218, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 218, 185) }
```

Border

The CSS property to change the border of an element to XYZ 68.7534, 71.6501, 56.1051 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(237, 218, 185) }
```


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

```
.border{ border-color:rgb(237, 218, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 218, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 218, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 218, 185);  
box-shadow:4px 4px 4px 4px rgb(237, 218,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 68.7534, 71.6501, 56.1051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 218, 185) }
```

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

```
.background{ background-color: rgb(237,  
218, 185) }
```

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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