

Converting Colors

XYZ(56.1000, 55.9370, 34.8475)

Have a look what the booklet for
XYZ(56.1000, 55.9370, 34.8475)
contains.

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Color

**XYZ(56.1322, 55.9949,
35.0437)**

Conversions

Conversions Part 1

Format	Color
Hex	E5BF92
RGB	229, 191, 146
RGB Percent	90%, 75%, 57%
CMY	0.1020, 0.2510, 0.4274
CMYK	0.00, 0.17, 0.36, 0.10
HSL	33°, 61%, 74%
HSV	33°, 36%, 90%
XYZ	56.1322, 55.9949, 35.0437
YIQ	197.2320, 37.0930, -5.9390

Conversions

Conversions Part 2

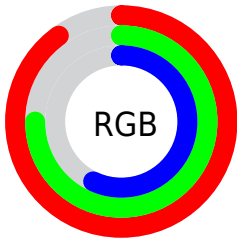
Format	Color
R_{YB}	216, 229, 146
Decimal	15056786
CIE _{Lab}	79.61, 7.38, 27.79
CIE _{LCh}	80, 28.749, 75.125
Yxy	55.9949, 0.3814, 0.3805
Android (android.graphics.Color)	4293246866 (0xFFE5BF92)
YUV	197.2320, -25.2574, 27.8605
Hunter-Lab	74.8297, 2.9466, 24.6146

Details

The XYZ color **56.1322, 55.9949, 35.0437** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.1369, 46.0476, 80.7433**, and the grayscale version is **53.3444, 56.1225, 61.1174**.

A 20% lighter version of the original color is **84.9261, 91.9517, 67.9159**, and **28.1673, 27.7738, 14.7028** is the 20% darker color. If you saturate the color by 10%, you get **52.3216, 50.9446, 25.8479**, and if you desaturate by 10%, it is **60.4661, 61.5204, 46.1755**.

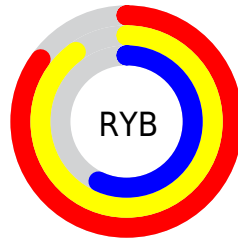
Distribution



Red (90%)

Green (75%)

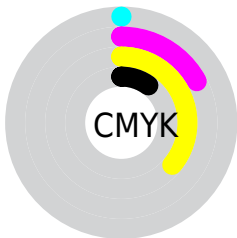
Blue (57%)



Red (85%)

Yellow (90%)

Blue (57%)

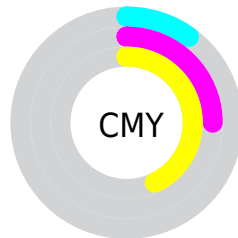


Cyan (0%)

Magenta (17%)

Yellow (36%)

Black (10%)



Cyan (10%)


Magenta (25%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1322, 55.9949, 35.0437 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 56.1322, 55.9949, 35.0437 by changing the saturation by 10% instead.


 56.1322, 55.9949,
35.0437


 56.1322, 55.9949,
35.0437


400.2565,
409.6723, 339.6713

 40.5463, 40.1988,
23.4127


 98.3365, 98.9971,
68.7058

 28.1509, 27.6936,
14.6904

 125.6857,
126.9721, 91.5740

 18.5805, 18.0948,
8.4582


157.6867,
159.7754, 119.0250

 11.4697, 11.0181,
4.2976

194.7049,
197.7916, 151.4774

 6.4533, 6.0790,
1.7900

237.1056,
241.4050, 189.3497

 3.1659, 2.8932,
0.4213

285.2542,

 1.2421, 1.0762,

290.9999, 233.0604

0.0000

339.5160,
346.9609, 283.0281

■ 0.1392, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1322, 55.9949,
35.0437

■ 56.1322, 55.9949,
35.0437

■ 52.3216, 50.9446,
25.8479

■ 60.4661, 61.5204,
46.1755

■ 49.0053, 46.3464,
18.4707

■ 65.3420, 67.5278,
59.3443

■ 46.1575, 42.1863,
12.7872

■ 70.7828, 74.0334,
74.6484

■ 43.7476, 38.4464,
8.6548

■ 76.8085, 81.0502,
92.1785

■ 41.7406, 35.1066,
5.9075

■ 82.5398, 88.2313,
107.2878

■ 40.0935, 32.1434,
4.3381

■ 85.7744, 94.7005,
108.3660

■ 39.5421, 31.1161,
3.9219

■ 86.1231, 95.3980,
108.4822

Harmonies

Analogous

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



61.4732, 55.9949, 41.0425



56.1322, 55.9949, 35.0437



50.3678, 55.9949, 35.0687

Triad

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



56.1322, 55.9949, 35.0437



43.1771, 55.9949, 69.6768



61.5111, 55.9949, 86.3583

Complementary

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



56.1322, 55.9949, 35.0437



43.1369, 46.0476, 80.7433

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.



56.1810, 55.9949, 97.2378



56.1322, 55.9949, 35.0437



45.7433, 55.9949, 86.4828

Square

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



56.1322, 55.9949, 35.0437



43.1661, 55.9949, 53.1415



50.4131, 55.9949, 97.2871



64.7284, 55.9949, 69.5296

Rectangle

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



56.1322, 55.9949, 35.0437



47.0668, 55.9949, 38.4236



50.4131, 55.9949, 97.2871



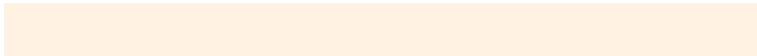
59.8906, 55.9949, 90.9571

Sweetspot

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



56.1336, 55.9975, 35.0448



86.8979, 90.4025, 85.5063



51.3212, 40.7079, 50.9045



18.3981, 19.1084, 17.7359



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.



56.1336, 55.9975, 35.0448



68.1626, 66.8847, 36.2473



64.6451, 74.3206, 38.1329



15.0212, 15.6564, 15.1347



22.7301, 18.0344, 2.2830



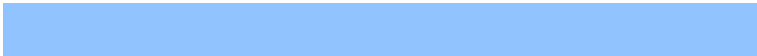
1.7723, 1.5180, 0.1996

Inverse Universe

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



43.1369, 46.0476, 80.7433



49.4262, 52.5463, 102.1452



36.7742, 32.5832, 78.4798



14.1237, 14.9687, 18.2892



11.0818, 9.2258, 43.5798



0.9109, 0.8657, 3.2510

Previews

White Background



This preview shows how the XYZ color 56.1322, 55.9949, 35.0437 looks on a white background.

Color Contrast Check

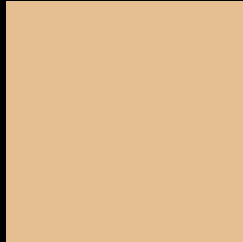
Large Text (above 18pt) WCAG AA × Fail

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 56.1322, 55.9949, 35.0437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

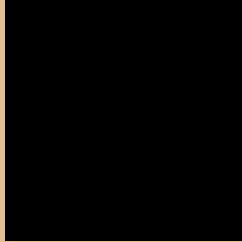
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1322, 55.9949, 35.0437

Background



This preview shows how black text looks on a background with the XYZ color 56.1322, 55.9949, 35.0437.



This preview shows how white text looks on a background with the XYZ color 56.1322, 55.9949,

35.0437.

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

56.1322, 55.9949, 35.0437

Protanopia

52.2550, 55.9513, 36.4793

Deuteranopia

56.9902, 55.7942, 34.9598



Tritanopia

61.5945, 56.0204, 60.9927

Trichromacy



Original Color

56.1322, 55.9949, 35.0437

Protanomaly

53.7738, 56.0738, 36.0061

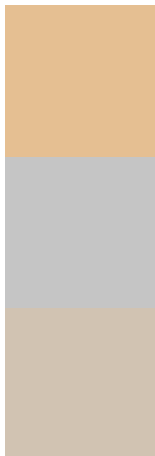
Deuteranomaly

56.8805, 56.0580, 35.0165

Tritanomaly

59.5113, 56.1190, 50.3433

Monochromacy



Original Color

56.1322, 55.9949, 35.0437

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.8455, 55.7999, 50.0520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1322, 55.9949, 35.0437 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(229, 191, 146)` looks like.

```
.text, #text, p{  
    color:rgb(229, 191, 146)  
}
```

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(229, 191, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 191, 146) }
```

Border

The CSS property to change the border of an element to XYZ 56.1322, 55.9949, 35.0437 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(229, 191, 146) }
```


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

```
.border{ border-color:rgb(229, 191, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 191, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 191, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 191, 146);  
box-shadow:4px 4px 4px 4px rgb(229, 191,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1322, 55.9949, 35.0437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 191, 146) }
```

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

```
.background{ background-color: rgb(229,  
191, 146) }
```

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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