

Converting Colors

XYZ(55.3213, 53.5124, 35.9325)

Have a look what the booklet for
XYZ(55.3213, 53.5124, 35.9325)
contains.

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Color

**XYZ(55.4069, 53.6908,
35.8769)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B995
RGB	230, 185, 149
RGB Percent	90%, 73%, 58%
CMY	0.0980, 0.2745, 0.4157
CMYK	0.00, 0.20, 0.35, 0.10
HSL	27°, 62%, 74%
HSV	27°, 35%, 90%
XYZ	55.4069, 53.6908, 35.8769
YIQ	194.3510, 38.3760, -1.6560

Conversions

Conversions Part 2

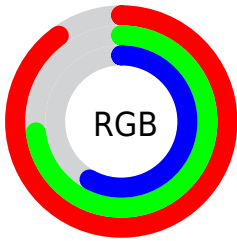
Format	Color
R _Y B	230, 214, 149
Decimal	15120789
CIE Lab	78.28, 11.30, 24.42
CIE LCh	78, 26.902, 65.169
Yxy	53.6908, 0.3822, 0.3703
Android (android.graphics.Color)	4293310869 (0xFFE6B995)
YUV	194.3510, -22.3580, 31.2642
Hunter-Lab	73.2740, 6.7451, 22.2618

Details

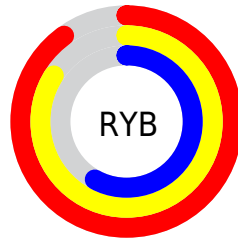
The XYZ color **55.4069, 53.6908, 35.8769** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.9686, 50.6847, 82.2233**, and the grayscale version is **51.5997, 54.2869, 59.1184**.

A 20% lighter version of the original color is **83.4748, 88.4824, 69.1791**, and **27.6894, 26.2686, 15.1662** is the 20% darker color. If you saturate the color by 10%, you get **51.1954, 47.9218, 26.2908**, and if you desaturate by 10%, it is **60.2240, 60.0903, 47.4550**.

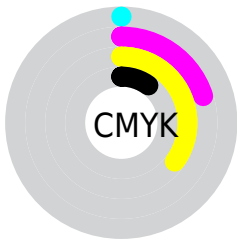
Distribution



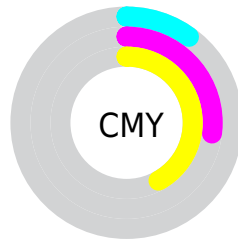
- Red (90%)
- Green (73%)
- Blue (58%)



- Red (90%)
- Yellow (84%)
- Blue (58%)



- Cyan (0%)
- Magenta (20%)
- Yellow (35%)
- Black (10%)





- Cyan (10%)
- Magenta (27%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4069, 53.6908, 35.8769 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 55.4069, 53.6908, 35.8769 by changing the saturation by 10% instead.

 55.4069, 53.6908,
35.8769

 55.4069, 53.6908,
35.8769


397.5639,
400.9298, 343.4433

 39.9627, 38.3545,
24.0502


 97.2817, 95.6201,
70.0089

 27.6936, 26.2580,
15.1583


 124.4431,
122.9819, 93.1513

 18.2341, 17.0167,
8.7827


156.2409,
155.1210, 120.9027

 11.2189, 10.2464,
4.5049

193.0405,
192.4218, 153.6816

 6.2826, 5.5626,
1.9062

235.2072,
235.2687, 191.9066

 3.0600, 2.5810,
0.4967

283.1064,

 1.1856, 0.9171,

284.0461, 235.9962

0.0000

337.1035,
339.1383, 286.3689

■ 0.0949, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4069, 53.6908,
35.8769

■ 55.4069, 53.6908,
35.8769

■ 51.1954, 47.9218,
26.2908

■ 60.2240, 60.0903,
47.4550

■ 47.5576, 42.7546,
18.5783

■ 65.6684, 67.1327,
61.1276

■ 44.4647, 38.1692,
12.6136

■ 71.7656, 74.8396,
76.9939

■ 41.8830, 34.1410,
8.2535

■ 78.5382, 83.2291,
95.1459

■ 39.7743, 30.6433,
5.3319

■ 84.5242, 91.7251,
107.8576

■ 38.0928, 27.6457,
3.6451

■ 86.4432, 95.5630,
108.4972

■ 37.4077, 26.3722,
3.1187

Harmonies

Analogous

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



59.7726, 53.6908, 43.2851



55.4069, 53.6908, 35.8769



50.1239, 53.6908, 34.0560

Triad

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



55.4069, 53.6908, 35.8769



41.5889, 53.6908, 61.1143



57.0944, 53.6908, 85.5415

Complementary

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



55.4069, 53.6908, 35.8769



45.9686, 50.6847, 82.2233

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.



51.9500, 53.6908, 92.3934



55.4069, 53.6908, 35.8769



43.1871, 53.6908, 76.8225

Square

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



55.4069, 53.6908, 35.8769



42.3753, 53.6908, 47.0988



46.8927, 53.6908, 88.9563



60.7929, 53.6908, 71.5157

Rectangle

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



55.4069, 53.6908, 35.8769



46.8415, 53.6908, 35.9292



46.8927, 53.6908, 88.9563



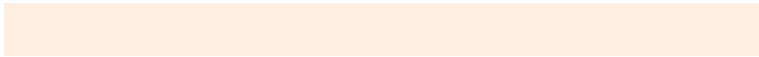
55.4641, 53.6908, 88.8606

Sweetspot

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



55.4083, 53.6933, 35.8780



86.0873, 88.7815, 85.2361



53.2200, 42.2541, 56.9218



18.2051, 18.7225, 17.6716



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.



55.4083, 53.6933, 35.8780



66.2061, 62.6524, 36.5792



64.8754, 72.6275, 39.0337



14.9017, 15.4173, 15.0949



21.2959, 15.1659, 1.8049



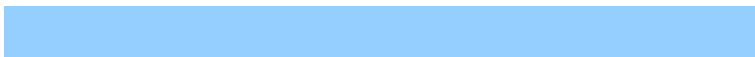
1.6651, 1.3036, 0.1639

Inverse Universe

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



45.9686, 50.6847, 82.2233



52.6530, 58.3232, 103.0901



38.2997, 35.3469, 79.6670



14.2434, 15.2082, 18.3291



12.5628, 12.1878, 44.0735



1.0207, 1.0853, 3.2877

Previews

White Background



This preview shows how the XYZ color 55.4069, 53.6908, 35.8769 looks on a white background.

Color Contrast Check

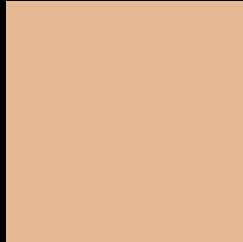
Large Text (above 18pt) WCAG AA × Fail

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 55.4069, 53.6908, 35.8769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

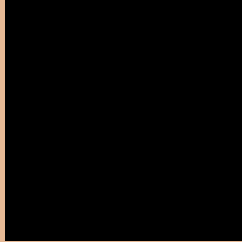
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4069, 53.6908, 35.8769

Background



This preview shows how black text looks on a background with the XYZ color 55.4069, 53.6908, 35.8769.



This preview shows how white text looks on a background with the XYZ color 55.4069, 53.6908,

35.8769.

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

55.4069, 53.6908, 35.8769

Protanopia

50.4952, 54.0053, 37.8997

Deuteranopia

54.9786, 53.7817, 35.9170



Tritanopia

60.0067, 53.7526, 57.6647

Trichromacy



Original Color

55.4069, 53.6908, 35.8769

Protanomaly

52.3226, 53.9757, 37.3664

Deuteranomaly

55.2968, 53.9458, 35.9319

Tritanomaly

58.0640, 53.5457, 48.8700

Monochromacy



Original Color

55.4069, 53.6908, 35.8769

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.3988, 53.7414, 49.7309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4069, 53.6908, 35.8769 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(230, 185, 149)` looks like.

```
.text, #text, p{  
    color:rgb(230, 185, 149)  
}
```

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(230, 185, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 185, 149) }
```

Border

The CSS property to change the border of an element to XYZ 55.4069, 53.6908, 35.8769 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(230, 185, 149) }
```


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

```
.border{ border-color:rgb(230, 185, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 185, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 185, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 185, 149);  
box-shadow:4px 4px 4px 4px rgb(230, 185,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4069, 53.6908, 35.8769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 185, 149) }
```

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

```
.background{ background-color: rgb(230,  
185, 149) }
```

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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