

Converting Colors

XYZ(56.9370, 55.8107, 32.9709)

Have a look what the booklet for
XYZ(56.9370, 55.8107, 32.9709)
contains.

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Color

**XYZ(56.9370, 55.8107,
32.9709)**

Conversions

Conversions Part 1

Format	Color
Hex	EABD8D
RGB	234, 189, 141
RGB Percent	92%, 74%, 55%
CMY	0.0824, 0.2588, 0.4471
CMYK	0.00, 0.19, 0.40, 0.08
HSL	31°, 69%, 74%
HSV	31°, 40%, 92%
XYZ	56.9370, 55.8107, 32.9709
YIQ	196.9830, 42.2280, -5.3880

Conversions

Conversions Part 2

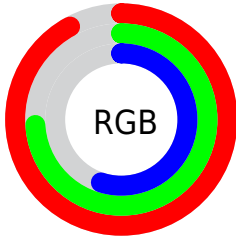
Format	Color
R _Y B	228, 234, 141
Decimal	15383949
CIE Lab	79.51, 9.83, 30.36
CIE LCh	80, 31.913, 72.064
Yxy	55.8107, 0.3907, 0.3830
Android (android.graphics.Color)	4293574029 (0xFFEABD8D)
YUV	196.9830, -27.5996, 32.4639
Hunter-Lab	74.7066, 5.3059, 26.1276

Details

The XYZ color **56.9370, 55.8107, 32.9709** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.3941, 46.7193, 84.5725**, and the grayscale version is **53.2054, 55.9762, 60.9581**.

A 20% lighter version of the original color is **83.7427, 90.5049, 64.6852**, and **28.7811, 27.6936, 13.5013** is the 20% darker color. If you saturate the color by 10%, you get **53.0358, 50.5064, 23.9691**, and if you desaturate by 10%, it is **61.3990, 61.6476, 43.9755**.

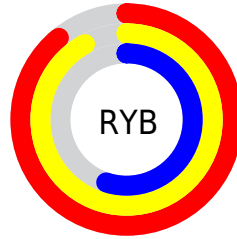
Distribution



Red (92%)

Green (74%)

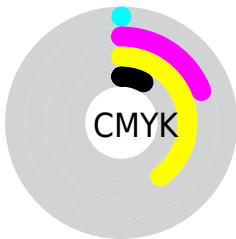
Blue (55%)



Red (89%)

Yellow (92%)

Blue (55%)

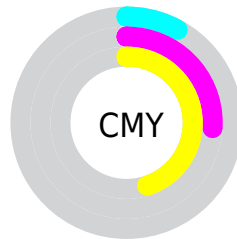


Cyan (0%)

Magenta (19%)

Yellow (40%)

Black (8%)



Cyan (8%)

Magenta (26%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9370, 55.8107, 32.9709 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 56.9370, 55.8107, 32.9709 by changing the saturation by 10% instead.

56.9370, 55.8107,
32.9709

56.9370, 55.8107,
32.9709

403.2312,
408.9777, 330.1466

41.1946, 40.0512,
21.8332

99.5051, 98.7277,
65.4456

28.6595, 27.5784,
13.5373

127.0616,
126.6541, 87.6197

18.9664, 18.0081,
7.6645

159.2868,
159.4047, 114.3096

11.7499, 10.9558,
3.7963

196.5461,
197.3642, 145.9340

6.6446, 6.0371,
1.5143

239.2048,
240.9168, 182.9114

3.2852, 2.8677,
0.2285

287.6283,

1.3063, 1.0630,

290.4470, 225.6602

0.0000

342.1820,
346.3392, 274.5991

■ 0.1879, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9370, 55.8107,
32.9709

■ 56.9370, 55.8107,
32.9709

■ 53.0358, 50.5064,
23.9691

■ 61.3990, 61.6476,
43.9755

■ 49.6635, 45.7090,
16.8423

■ 66.4431, 68.0261,
57.0934

■ 46.7910, 41.4015,
11.4531

■ 72.0945, 74.9649,
72.4305

■ 44.3839, 37.5630,
7.6431

■ 78.3753, 82.4791,
90.0851

■ 42.4021, 34.1695,
5.2248

■ 84.8196, 90.3884,
107.5840

■ 40.7819, 31.1875,
3.8876

■ 87.7417, 96.2324,
108.5580

■ 40.7432, 31.1155,
3.8585

Harmonies

Analogous

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



62.7424, 55.8107, 40.0380



56.9370, 55.8107, 32.9709



50.5095, 55.8107, 32.3516

Triad

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



56.9370, 55.8107, 32.9709



41.8735, 55.8107, 68.4560



61.7483, 55.8107, 90.9535

Complementary

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



56.9370, 55.8107, 32.9709



43.3941, 46.7193, 84.5725

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.



55.6668, 55.8107, 102.2818



56.9370, 55.8107, 32.9709



44.4046, 55.8107, 87.6456

Square

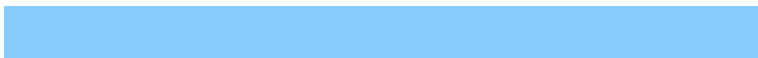
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.9370, 55.8107, 32.9709



42.1535, 55.8107, 50.5243



49.3372, 55.8107, 100.9620



65.6706, 55.8107, 72.3112

Rectangle

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



56.9370, 55.8107, 32.9709



46.7630, 55.8107, 35.4748



49.3372, 55.8107, 100.9620



59.8688, 55.8107, 95.8974

Sweetspot

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



56.9384, 55.8133, 32.9720



85.9665, 89.0988, 83.4726



52.4802, 40.1520, 52.2794



18.2031, 18.8300, 17.3273



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.



56.9384, 55.8133, 32.9720



65.1366, 62.3236, 30.6423



68.1623, 78.2612, 36.7133



15.7086, 16.3401, 15.8448



23.0222, 17.7387, 2.2105



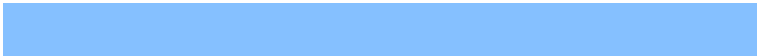
1.9041, 1.5855, 0.2057

Inverse Universe

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



43.3941, 46.7193, 84.5725



46.4697, 49.7939, 101.7697



35.3612, 30.6536, 81.8949



14.8327, 15.7518, 19.1809



11.8022, 10.2513, 45.0996



1.0227, 0.9969, 3.5734

Previews

White Background



This preview shows how the XYZ color 56.9370, 55.8107, 32.9709 looks on a white background.

Color Contrast Check

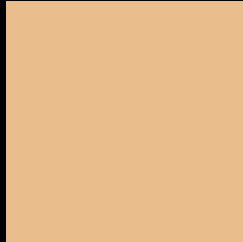
Large Text (above 18pt) WCAG AA × Fail

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 56.9370, 55.8107, 32.9709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

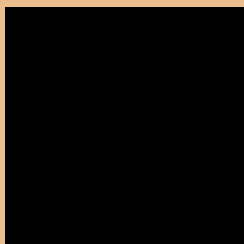
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9370, 55.8107, 32.9709

Background



This preview shows how black text looks on a background with the XYZ color 56.9370, 55.8107, 32.9709.



This preview shows how white text looks on a background with the XYZ color 56.9370, 55.8107,

32.9709.

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

56.9370, 55.8107, 32.9709

Protanopia

52.1517, 55.9432, 34.4350

Deuteranopia

56.9370, 55.8107, 32.9709



Tritanopia

62.6269, 55.9667, 59.7264

Trichromacy



Original Color

56.9370, 55.8107, 32.9709

Protanomaly

53.7649, 55.7824, 33.9200

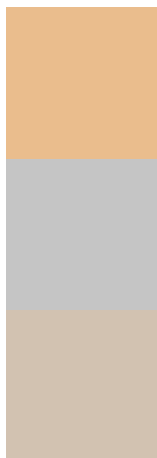
Deuteranomaly

56.9370, 55.8107, 32.9709

Tritanomaly

60.4453, 56.0097, 48.6994

Monochromacy



Original Color

56.9370, 55.8107, 32.9709

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.8059, 55.4595, 49.4639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9370, 55.8107, 32.9709 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(234, 189, 141)` looks like.

```
.text, #text, p{  
    color:rgb(234, 189, 141)  
}
```

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(234, 189, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 189, 141) }
```

Border

The CSS property to change the border of an element to XYZ 56.9370, 55.8107, 32.9709 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(234, 189, 141) }
```


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

```
.border{ border-color:rgb(234, 189, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 189, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 189, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 189, 141);  
box-shadow:4px 4px 4px 4px rgb(234, 189,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9370, 55.8107, 32.9709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 189, 141) }
```

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

```
.background{ background-color: rgb(234,  
189, 141) }
```

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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