

Converting Colors

XYZ(55.0649, 52.8665, 32.4862)

Have a look what the booklet for
XYZ(55.0649, 52.8665, 32.4862)
contains.

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Color

**XYZ(55.0199, 52.9459,
32.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B78D
RGB	232, 183, 141
RGB Percent	91%, 72%, 55%
CMY	0.0902, 0.2823, 0.4471
CMYK	0.00, 0.21, 0.39, 0.09
HSL	28°, 66%, 73%
HSV	28°, 39%, 91%
XYZ	55.0199, 52.9459, 32.5190
YIQ	192.8630, 42.6860, -2.6740

Conversions

Conversions Part 2

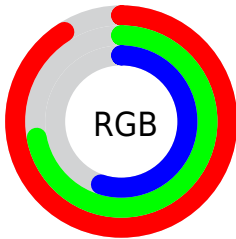
Format	Color
R _Y B	232, 219, 141
Decimal	15251341
CIE Lab	77.84, 12.21, 28.11
CIE LCh	78, 30.649, 66.521
Yxy	52.9459, 0.3916, 0.3769
Android (android.graphics.Color)	4293441421 (0xFFE8B78D)
YUV	192.8630, -25.5685, 34.3231
Hunter-Lab	72.7639, 7.6345, 24.4374

Details

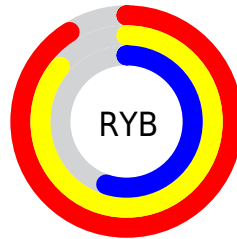
The XYZ color **55.0199, 52.9459, 32.5190** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.9627, 48.3139, 83.3522**, and the grayscale version is **50.7371, 53.3794, 58.1302**.

A 20% lighter version of the original color is **81.9568, 86.9331, 64.0899**, and **27.5073, 25.8174, 13.2063** is the 20% darker color. If you saturate the color by 10%, you get **51.0084, 47.4021, 23.5389**, and if you desaturate by 10%, it is **59.6244, 59.0967, 43.4818**.

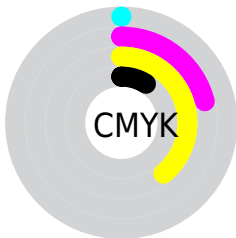
Distribution



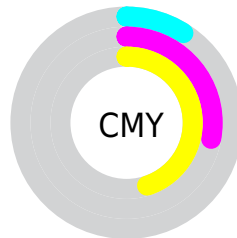
- Red (91%)
- Green (72%)
- Blue (55%)



- Red (91%)
- Yellow (86%)
- Blue (55%)



- Cyan (0%)
- Magenta (21%)
- Yellow (39%)
- Black (9%)





- Cyan (9%)
- Magenta (28%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0199, 52.9459, 32.5190 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 55.0199, 52.9459, 32.5190 by changing the saturation by 10% instead.


 55.0199, 52.9459,
32.5190

 55.0199, 52.9459,
32.5190


396.1225,
398.0775, 328.0420


 39.6516, 37.7596,
21.4901


 96.7183, 94.5248,
64.7312

 27.4500, 25.7961,
13.2880


 123.7790,
121.6861, 86.7515

 18.0498, 16.6712,
7.4941


 155.4679,
153.6079, 113.2728

 11.0856, 10.0003,
3.6899

192.1503,
190.6745, 144.7136

 6.1922, 5.3992,
1.4568

234.1917,
233.2704, 181.4924

 3.0041, 2.4833,
0.1854

281.9573,

 1.1559, 0.8683,

281.7799, 224.0276

0.0000

335.8124,
336.5875, 272.7380

■ 0.0711, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0199, 52.9459,
32.5190

■ 55.0199, 52.9459,
32.5190

■ 51.0084, 47.4021,
23.5389

■ 59.6244, 59.0967,
43.4818

■ 47.5571, 42.4368,
16.4164

■ 64.8443, 65.8668,
56.5353

■ 44.6360, 38.0301,
11.0170

■ 70.7057, 73.2771,
71.7838

■ 42.2097, 34.1575,
7.1865

■ 77.2318, 81.3457,
89.3232

■ 40.2371, 30.7919,
4.7425

■ 84.1206, 89.9598,
107.5381

■ 38.6575, 27.8976,
3.3990

■ 87.0886, 95.8958,
108.5274

■ 38.5458, 27.6900,
3.3131

Harmonies

Analogous

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



60.0875, 52.9459, 40.2678



55.0199, 52.9459, 32.5190



49.0355, 52.9459, 30.8417

Triad

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



55.0199, 52.9459, 32.5190



39.7925, 52.9459, 61.4504



57.4427, 52.9459, 88.1881

Complementary

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



55.0199, 52.9459, 32.5190



43.9627, 48.3139, 83.3522

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.



51.6339, 52.9459, 96.7079



55.0199, 52.9459, 32.5190



41.6790, 52.9459, 79.4262

Square

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



55.0199, 52.9459, 32.5190



40.5437, 52.9459, 45.5572



45.9022, 52.9459, 93.2206



61.5616, 52.9459, 71.7111

Rectangle

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



55.0199, 52.9459, 32.5190



45.3865, 52.9459, 33.0235



45.9022, 52.9459, 93.2206



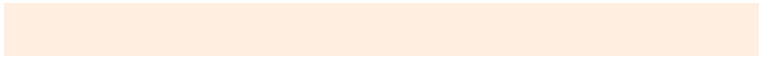
55.6062, 52.9459, 92.2115

Sweetspot

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



55.0212, 52.9484, 32.5201



85.4765, 88.1187, 83.3093



52.2133, 39.9698, 54.2824



18.0879, 18.5996, 17.2889



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.



55.0212, 52.9484, 32.5201



64.1397, 60.0454, 31.1865



65.6788, 74.2635, 36.0726



14.9225, 15.4589, 15.1018



21.5222, 15.6186, 1.8803



1.6825, 1.3383, 0.1696

Inverse Universe

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



43.9627, 48.3139, 83.3522



48.6455, 53.5427, 102.3786



35.7601, 31.9088, 80.6180



14.2224, 15.1661, 18.3221



12.2786, 11.6194, 43.9788



1.0001, 1.0441, 3.2808

Previews

White Background



This preview shows how the XYZ color 55.0199, 52.9459, 32.5190 looks on a white background.

Color Contrast Check

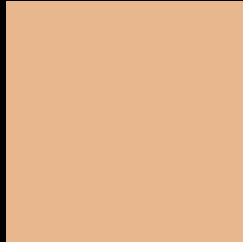
Large Text (above 18pt) WCAG AA × Fail

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 55.0199, 52.9459, 32.5190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

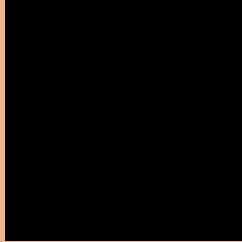
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0199, 52.9459, 32.5190

Background



This preview shows how black text looks on a background with the XYZ color 55.0199, 52.9459, 32.5190.



This preview shows how white text looks on a background with the XYZ color 55.0199, 52.9459,

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

55.0199, 52.9459, 32.5190

Protanopia

49.4141, 52.8654, 34.3877

Deuteranopia

54.1516, 53.1150, 32.5974



Tritanopia

59.7446, 52.7729, 55.7525

Trichromacy



Original Color

55.0199, 52.9459, 32.5190

Protanomaly

51.2560, 52.8559, 33.8863

Deuteranomaly

54.2613, 52.8621, 32.5428

Tritanomaly

57.8274, 52.8809, 46.1889

Monochromacy



Original Color

55.0199, 52.9459, 32.5190

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.5697, 52.7166, 47.5017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0199, 52.9459, 32.5190 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(232, 183, 141)` looks like.

```
.text, #text, p{  
    color:rgb(232, 183, 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(232, 183, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 183, 141) }
```

Border

The CSS property to change the border of an element to XYZ 55.0199, 52.9459, 32.5190 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(232, 183, 141) }
```


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

```
.border{ border-color:rgb(232, 183, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 183, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 183, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 183, 141);  
box-shadow:4px 4px 4px 4px rgb(232, 183,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0199, 52.9459, 32.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 183, 141) }
```

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

```
.background{ background-color: rgb(232,  
183, 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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