

Converting Colors

XYZ(59.6857, 56.6130, 47.5750)

Have a look what the booklet for
XYZ(59.6857, 56.6130, 47.5750)
contains.

XYZ(59.5549, 56.5149, 47.8140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.5549, 56.5149,
47.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	EABCAE
RGB	234, 188, 174
RGB Percent	92%, 74%, 68%
CMY	0.0824, 0.2627, 0.3176
CMYK	0.00, 0.20, 0.26, 0.08
HSL	14°, 59%, 80%
HSV	14°, 26%, 92%
XYZ	59.5549, 56.5149, 47.8140
YIQ	200.1580, 31.9100, 5.3980

Conversions

Conversions Part 2

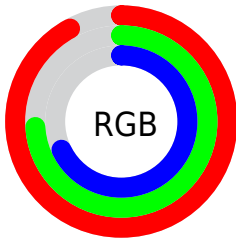
Format	Color
RYB	234, 192, 174
Decimal	15383726
CIELab	79.91, 14.47, 13.34
CIELCh	80, 19.677, 42.673
Yxy	56.5149, 0.3634, 0.3448
Android (android.graphics.Color)	4293573806 (0xFFEABCAE)
YUV	200.1580, -12.8959, 29.6794
Hunter-Lab	75.1764, 9.8494, 14.9136

Details

The XYZ color **59.5549, 56.5149, 47.8140** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.8993, 66.1236, 87.5537**, and the grayscale version is **55.0615, 57.9290, 63.0847**.

A 20% lighter version of the original color is **87.7335, 91.6185, 87.1888**, and **30.3083, 28.0802, 22.2350** is the 20% darker color. If you saturate the color by 10%, you get **53.8728, 48.4888, 35.6286**, and if you desaturate by 10%, it is **66.1138, 65.6578, 62.2535**.

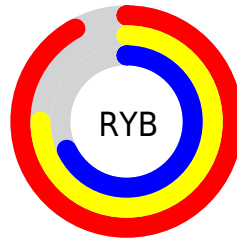
Distribution



Red (92%)

Green (74%)

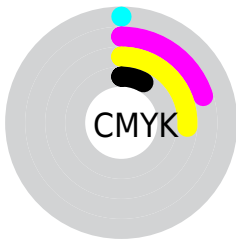
Blue (68%)



Red (92%)

Yellow (75%)

Blue (68%)

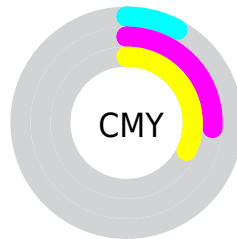


Cyan (0%)

Magenta (20%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (26%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5549, 56.5149, 47.8140 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 59.5549, 56.5149, 47.8140 by changing the saturation by 10% instead.


 59.5549, 56.5149,
47.8140

 59.5549, 56.5149,
47.8140


412.8163,
411.6291, 394.5418

 43.3081, 40.6159,
33.3207


 103.2937, 99.7570,
88.2901

 30.3225, 28.0191,
22.0991


131.5165,
127.8689, 115.1099

 20.2328, 18.3400,
13.7307


164.4619,
160.8206, 146.8756

 12.6736, 11.1944,
7.7970

202.4953,
198.9964, 184.0058

 7.2796, 6.1977,
3.8794

245.9821,
242.7808, 226.9190

 3.6855, 2.9657,
1.5594

295.2876,

 1.5258, 1.1138,

292.5581, 276.0337

0.2616

350.7772,
348.7127, 331.7684

■ 0.3433, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5549, 56.5149,
47.8140

■ 59.5549, 56.5149,
47.8140

■ 53.8728, 48.4888,
35.6286

■ 66.1138, 65.6578,
62.2535

■ 49.0250, 41.5286,
25.5795

■ 73.5805, 75.9504,
79.0499

■ 44.9720, 35.5911,
17.5433

■ 81.9903, 87.4338,
98.3036

■ 41.6693, 30.6269,
11.3828

■ 87.7418, 96.2325,
108.5580

■ 39.0676, 26.5823,
6.9429

■ 37.1111, 23.3983,
4.0438

■ 35.7343, 21.0080,
2.4645

■ 35.2799, 20.1888,
2.0374

Harmonies

Analogous

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



61.5521, 56.5149, 56.8405



59.5549, 56.5149, 47.8140



56.0327, 56.5149, 42.8566

Triad

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



59.5549, 56.5149, 47.8140



46.7211, 56.5149, 55.2218



55.4161, 56.5149, 85.5519

Complementary

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



59.5549, 56.5149, 47.8140



57.8993, 66.1236, 87.5537

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.



51.4635, 56.5149, 84.9780



59.5549, 56.5149, 47.8140



46.5744, 56.5149, 66.4814

Square

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



59.5549, 56.5149, 47.8140



48.6826, 56.5149, 46.7558



48.2713, 56.5149, 77.6582



59.0843, 56.5149, 79.1406

Rectangle

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



59.5549, 56.5149, 47.8140



53.3588, 56.5149, 42.0966



48.2713, 56.5149, 77.6582



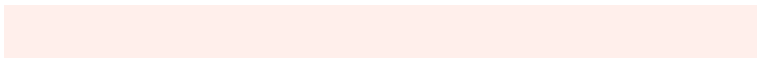
54.0742, 56.5149, 86.1903

Sweetspot

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



59.5564, 56.5175, 47.8152



87.1501, 89.1800, 90.9148



61.9865, 52.9325, 74.6605



18.3534, 18.6750, 18.7816



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.



59.5564, 56.5175, 47.8152



68.4527, 63.1550, 49.6307



66.6435, 70.6917, 50.1775



15.3508, 15.6246, 15.7255



19.9050, 11.5042, 1.1714



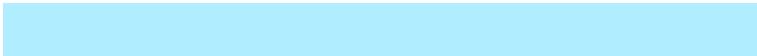
1.6349, 1.0471, 0.1159

Inverse Universe

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



57.8993, 66.1236, 87.5537



66.0969, 76.7517, 105.9386



50.7209, 51.7668, 85.1609



15.2024, 16.4911, 19.3041



17.5480, 21.7430, 47.0149



1.4500, 1.8515, 3.7158

Previews

White Background



This preview shows how the XYZ color 59.5549, 56.5149, 47.8140 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 59.5549, 56.5149, 47.8140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

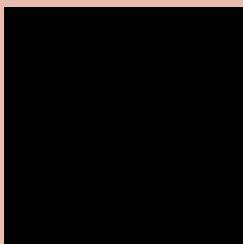
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5549, 56.5149, 47.8140

Background



This preview shows how black text looks on a background with the XYZ color 59.5549, 56.5149, 47.8140.



This preview shows how white text looks on a background with the XYZ color 59.5549, 56.5149,

47.8140.

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

59.5549, 56.5149, 47.8140

Protanopia

53.7844, 56.7647, 50.7698

Deuteranopia

57.5377, 56.4475, 47.3981



Tritanopia

62.3743, 56.4090, 61.6334

Trichromacy



Original Color

59.5549, 56.5149, 47.8140

Protanomaly

55.5465, 56.3568, 49.5453

Deuteranomaly

58.2694, 56.5021, 47.3700

Tritanomaly

61.2353, 56.2485, 56.3448

Monochromacy



Original Color

59.5549, 56.5149, 47.8140

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.2953, 57.2385, 57.3713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5549, 56.5149, 47.8140 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, 188, 174)` looks like.

```
.text, #text, p{  
    color:rgb(234, 188, 174)  
}
```

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, 188, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 188, 174) }
```

Border

The CSS property to change the border of an element to XYZ 59.5549, 56.5149, 47.8140 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, 188, 174) }
```


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

```
.border{ border-color:rgb(234, 188, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 188, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 188, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 188, 174);  
box-shadow:4px 4px 4px 4px rgb(234, 188,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5549, 56.5149, 47.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 188, 174) }
```

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

```
.background{ background-color: rgb(234,  
188, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor