

Converting Colors

XYZ(47.4455, 38.9155, 28.6886)

Have a look what the booklet for
XYZ(47.4455, 38.9155, 28.6886)
contains.

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Color

**XYZ(47.5958, 39.0459,
28.6949)**

Conversions

Conversions Part 1

Format	Color
Hex	E79189
RGB	231, 145, 137
RGB Percent	91%, 57%, 54%
CMY	0.0941, 0.4313, 0.4627
CMYK	0.00, 0.37, 0.41, 0.09
HSL	5°, 66%, 72%
HSV	5°, 41%, 91%
XYZ	47.5958, 39.0459, 28.6949
YIQ	169.8020, 53.8240, 15.7440

Conversions

Conversions Part 2

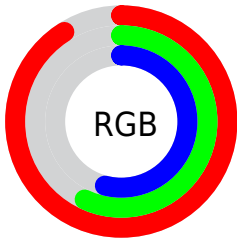
Format	Color
R _Y B	231, 146, 137
Decimal	15176073
CIE Lab	68.78, 31.60, 17.95
CIE LCh	69, 36.345, 29.602
Yxy	39.0459, 0.4127, 0.3385
Android (android.graphics.Color)	4293366153 (0xFFE79189)
YUV	169.8020, -16.1714, 53.6706
Hunter-Lab	62.4867, 26.6107, 16.5138

Details

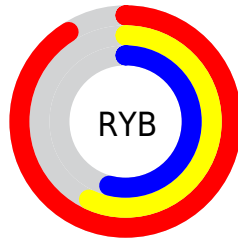
The XYZ color **47.5958, 39.0459, 28.6949** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **51.1268, 63.8605, 85.2330**, and the grayscale version is **38.1701, 40.1579, 43.7319**.

A 20% lighter version of the original color is **71.1885, 66.2863, 57.7577**, and **22.8682, 17.4011, 11.1703** is the 20% darker color. If you saturate the color by 10%, you get **43.1785, 32.5852, 19.9039**, and if you desaturate by 10%, it is **52.9705, 46.8535, 39.5558**.

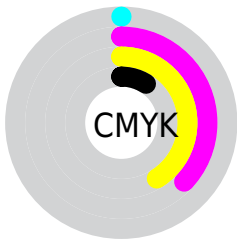
Distribution



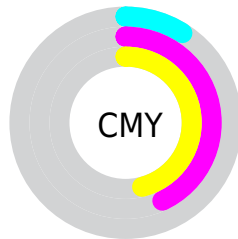
- Red (91%)
- Green (57%)
- Blue (54%)



- Red (91%)
- Yellow (57%)
- Blue (54%)



- Cyan (0%)
- Magenta (37%)
- Yellow (41%)
- Black (9%)




- Cyan (9%)
- Magenta (43%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5958, 39.0459, 28.6949 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 47.5958, 39.0459, 28.6949 by changing the saturation by 10% instead.


 47.5958, 39.0459,
28.6949


 47.5958, 39.0459,
28.6949


367.7970,
342.0856, 309.7884


 33.7168, 26.7954,
18.6065


 85.8156, 73.7084,
58.6284

 22.8380, 17.4196,
11.2124


 110.8872, 96.8893,
79.3106

 14.5940, 10.5341,
6.0939


 140.4203,
124.4824, 104.3612

 8.6194, 5.7545,
2.8326

174.7804,
156.8722, 134.1986

 4.5489, 2.6964,
1.0098

214.3327,
194.4430, 169.2416

 2.0171, 0.9754,
0.0000

259.4427,

 0.6435, 0.0000,

237.5792, 209.9085

0.0000

310.4757,
286.6653, 256.6179

0.0000, 0.0000,
0.0000

47.5958, 39.0459,
28.6949

47.5958, 39.0459,
28.6949

43.1785, 32.5852,
19.9039

52.9705, 46.8535,
39.5558

39.6593, 27.3899,
13.0491

59.3512, 56.0723,
52.6044

36.9771, 23.3783,
7.9847

66.7868, 66.7691,
67.9521

35.0619, 20.4571,
4.5432

75.3221, 79.0049,
85.7022

33.8319, 18.5186,
2.5254

84.9994, 92.8373,
105.9518

■ 33.1994, 17.4778,
1.6237

■ 86.7650, 95.7289,
108.5123

Harmonies

Analogous

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



49.3219, 39.0459, 42.7348



47.5958, 39.0459, 28.6949



43.0014, 39.0459, 20.6088

Triad

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



47.5958, 39.0459, 28.6949



28.3573, 39.0459, 28.4026



37.0352, 39.0459, 82.7621

Complementary

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



47.5958, 39.0459, 28.6949



51.1268, 63.8605, 85.2330

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.



31.7864, 39.0459, 76.1513



47.5958, 39.0459, 28.6949



27.1043, 39.0459, 42.2946

Square

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



47.5958, 39.0459, 28.6949



31.9066, 39.0459, 20.4733



28.2931, 39.0459, 60.1816



42.8547, 39.0459, 76.4764

Rectangle

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



47.5958, 39.0459, 28.6949



39.1464, 39.0459, 18.3297



28.2931, 39.0459, 60.1816



35.1492, 39.0459, 81.9541

Sweetspot

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



47.5968, 39.0478, 28.6957



82.2196, 81.6050, 82.2237



55.2426, 40.2173, 74.7811



17.3255, 17.0747, 17.0347



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.



47.5968, 39.0478, 28.6957



54.7520, 41.8319, 26.3253



56.2836, 56.4214, 31.5913



14.4752, 14.5642, 14.9527



18.6487, 9.8716, 0.9225



1.4124, 0.7981, 0.0796

Inverse Universe

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



51.1268, 63.8605, 85.2330



59.7224, 76.8873, 106.3008



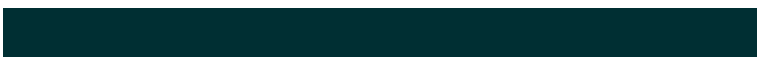
40.2987, 42.2043, 81.6236



14.6970, 16.1153, 18.4803



21.2364, 29.5349, 46.9647



1.6004, 2.2447, 3.4809

Previews

White Background



This preview shows how the XYZ color 47.5958, 39.0459, 28.6949 looks on a white background.

Color Contrast Check

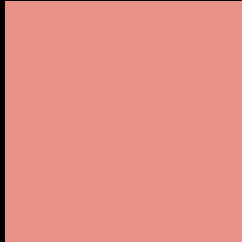
Large Text (above 18pt) WCAG AA × Fail

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 47.5958, 39.0459, 28.6949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

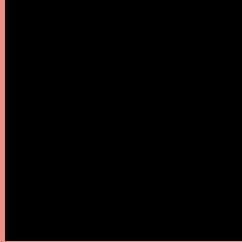
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5958, 39.0459, 28.6949

Background



This preview shows how black text looks on a background with the XYZ color 47.5958, 39.0459, 28.6949.



This preview shows how white text looks on a background with the XYZ color 47.5958, 39.0459,

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

47.5958, 39.0459, 28.6949

Protanopia

37.2524, 39.3735, 33.6534

Deuteranopia

39.9884, 39.2977, 28.0318



Tritanopia

48.8509, 39.1006, 35.1094

Trichromacy



Original Color

47.5958, 39.0459, 28.6949

Protanomaly

40.3698, 38.8910, 31.7646

Deuteranomaly

42.5561, 39.0815, 28.2222

Tritanomaly

48.5184, 39.2089, 32.6146

Monochromacy



Original Color

47.5958, 39.0459, 28.6949

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.6547, 39.1648, 37.7646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5958, 39.0459, 28.6949 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(231, 145, 137)` looks like.

```
.text, #text, p{  
    color:rgb(231, 145, 137)  
}
```

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(231, 145, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 145, 137) }
```

Border

The CSS property to change the border of an element to XYZ 47.5958, 39.0459, 28.6949 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(231, 145, 137) }
```


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

```
.border{ border-color:rgb(231, 145, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 145, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 145, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 145, 137);  
box-shadow:4px 4px 4px 4px rgb(231, 145,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5958, 39.0459, 28.6949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 145, 137) }
```

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

```
.background{ background-color: rgb(231,  
145, 137) }
```

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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