

Converting Colors

XYZ(47.3028, 39.2382, 33.9348)

Have a look what the booklet for
XYZ(47.3028, 39.2382, 33.9348)
contains.

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Color

**XYZ(47.3028, 39.2382,
33.9348)**

Conversions

Conversions Part 1

Format	Color
Hex	E29396
RGB	226, 147, 150
RGB Percent	89%, 58%, 59%
CMY	0.1137, 0.4235, 0.4118
CMYK	0.00, 0.35, 0.34, 0.11
HSL	358°, 58%, 73%
HSV	358°, 35%, 89%
XYZ	47.3028, 39.2382, 33.9348
YIQ	170.9630, 46.1210, 17.6810

Conversions

Conversions Part 2

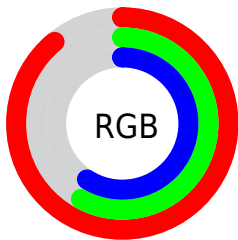
Format	Color
R _Y B	226, 147, 150
Decimal	14848918
CIE Lab	68.92, 30.19, 10.82
CIE LCh	69, 32.066, 19.720
Yxy	39.2382, 0.3926, 0.3257
Android (android.graphics.Color)	4293038998 (0xFFE29396)
YUV	170.9630, -10.3348, 48.2674
Hunter-Lab	62.6404, 25.1733, 11.7285

Details

The XYZ color **47.3028, 39.2382, 33.9348** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **52.5500, 65.9244, 79.7705**, and the grayscale version is **38.7251, 40.7418, 44.3678**.

A 20% lighter version of the original color is **73.2596, 67.8607, 66.3640**, and **22.7065, 17.5203, 13.9894** is the 20% darker color. If you saturate the color by 10%, you get **42.5360, 32.2513, 24.4945**, and if you desaturate by 10%, it is **53.0869, 47.7394, 45.3177**.

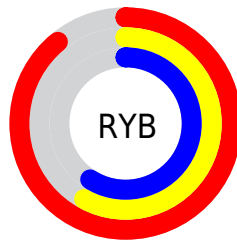
Distribution



Red (89%)

Green (58%)

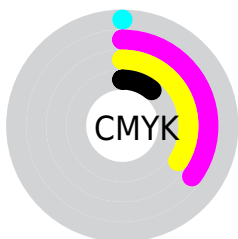
Blue (59%)



Red (89%)

Yellow (58%)

Blue (59%)

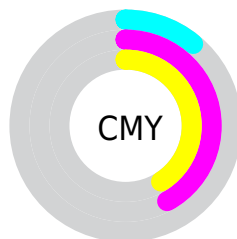


Cyan (0%)

Magenta (35%)

Yellow (34%)

Black (11%)



Cyan (11%)


Magenta (42%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3028, 39.2382, 33.9348 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 47.3028, 39.2382, 33.9348 by changing the saturation by 10% instead.


 47.3028, 39.2382,
33.9348


 47.3028, 39.2382,
33.9348


366.6506,
342.9022, 334.6015

 33.4840, 26.9451,
22.5666

 85.3814, 74.0021,
66.9650

 22.6585, 17.5320,
14.0715


 110.3720, 97.2416,
89.4640

 14.4609, 10.6145,
8.0311


139.8172,
124.8987, 116.5104

 8.5257, 5.8083,
4.0268

174.0825,
157.3579, 148.5227

 4.4878, 2.7288,
1.6401

213.5331,
195.0034, 185.9194

 1.9816, 0.9919,
0.3192

258.5344,

 0.6236, 0.0000,

238.2197, 229.1191

0.0000

309.4518,
287.3911, 278.5403

■ 0.0000, 0.0000,
0.0000

■ 47.3028, 39.2382,
33.9348

■ 47.3028, 39.2382,
33.9348

■ 42.5360, 32.2513,
24.4945

■ 53.0869, 47.7394,
45.3177

■ 38.7248, 26.6848,
16.8862

■ 59.9391, 57.8306,
58.7409

■ 35.8056, 22.4427,
10.9916

■ 67.9105, 69.5890,
74.2981

■ 33.7058, 19.4154,
6.6779

■ 77.0481, 83.0854,
92.0767

■ 32.3415, 17.4753,
3.7925

■ 85.1741, 94.9088,
108.4378

■ 31.6107, 16.4664,
2.1529

■ 31.4110, 16.1876,
1.7150

Harmonies

Analogous

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



47.7937, 39.2382, 47.9311



47.3028, 39.2382, 33.9348



43.9970, 39.2382, 24.6879

Triad

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



47.3028, 39.2382, 33.9348



30.3060, 39.2382, 27.0243



35.5729, 39.2382, 76.7220

Complementary

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



47.3028, 39.2382, 33.9348



52.5500, 65.9244, 79.7705

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.



31.3102, 39.2382, 67.9153



47.3028, 39.2382, 33.9348



28.4583, 39.2382, 37.9079

Square

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



47.3028, 39.2382, 33.9348



34.0843, 39.2382, 21.3733



28.8083, 39.2382, 52.9125



40.7007, 39.2382, 74.9690

Rectangle

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



47.3028, 39.2382, 33.9348



40.7960, 39.2382, 21.4324



28.8083, 39.2382, 52.9125



33.9997, 39.2382, 74.8328

Sweetspot

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



47.3038, 39.2401, 33.9356



83.7465, 83.3152, 86.8747



54.3018, 41.8978, 77.1767



17.6116, 17.3703, 17.9825



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.



47.3038, 39.2401, 33.9356



57.4785, 44.6742, 35.2825



53.4725, 51.9585, 34.8169



13.7282, 13.7089, 14.3389



17.9297, 9.2389, 1.0299



1.2503, 0.6434, 0.1110

Inverse Universe

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



47.3038, 39.2401, 33.9356



57.4785, 44.6742, 35.2825



44.2728, 48.7179, 79.0217



13.7282, 13.7089, 14.3389



17.9297, 9.2389, 1.0299



1.2503, 0.6434, 0.1110

Previews

White Background



This preview shows how the XYZ color 47.3028, 39.2382, 33.9348 looks on a white background.

Color Contrast Check

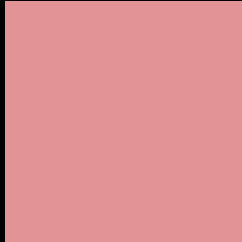
Large Text (above 18pt) WCAG AA × Fail

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 47.3028, 39.2382, 33.9348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

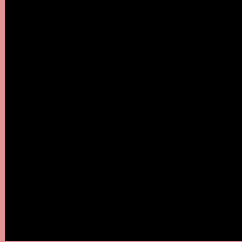
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3028, 39.2382, 33.9348

Background



This preview shows how black text looks on a background with the XYZ color 47.3028, 39.2382, 33.9348.



This preview shows how white text looks on a background with the XYZ color 47.3028, 39.2382,

33.9348.

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

47.3028, 39.2382, 33.9348

Protanopia

37.6692, 39.4627, 39.3499

Deuteranopia

40.1791, 39.2847, 33.0688



Tritanopia

48.0432, 39.3230, 36.9562

Trichromacy



Original Color

47.3028, 39.2382, 33.9348

Protanomaly

40.3948, 38.7824, 37.2550

Deuteranomaly

42.5791, 39.2312, 33.3452

Tritanomaly

47.7902, 39.2218, 35.6236

Monochromacy



Original Color

47.3028, 39.2382, 33.9348

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

41.0170, 39.5614, 40.1246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3028, 39.2382, 33.9348 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(226, 147, 150)` looks like.

```
.text, #text, p{  
    color:rgb(226, 147, 150)  
}
```

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(226, 147, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 147, 150) }
```

Border

The CSS property to change the border of an element to XYZ 47.3028, 39.2382, 33.9348 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(226, 147, 150) }
```


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

```
.border{ border-color:rgb(226, 147, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 147, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 147, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 147, 150);  
box-shadow:4px 4px 4px 4px rgb(226, 147,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3028, 39.2382, 33.9348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 147, 150) }
```

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

```
.background{ background-color: rgb(226,  
147, 150) }
```

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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