

Converting Colors

XYZ(50.8147, 40.3176, 36.1142)

Have a look what the booklet for
XYZ(50.8147, 40.3176, 36.1142)
contains.

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Color

**XYZ(50.8147, 40.3176,
36.1142)**

Conversions

Conversions Part 1

Format	Color
Hex	ED909B
RGB	237, 144, 155
RGB Percent	93%, 56%, 61%
CMY	0.0706, 0.4353, 0.3922
CMYK	0.00, 0.39, 0.35, 0.07
HSL	353°, 72%, 75%
HSV	353°, 39%, 93%
XYZ	50.8147, 40.3176, 36.1142
YIQ	173.0610, 51.8970, 23.1370

Conversions

Conversions Part 2

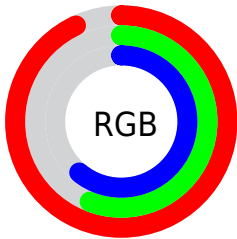
Format	Color
R_{YB}	237, 144, 155
Decimal	15569051
CIE _{Lab}	69.70, 36.43, 9.31
CIE _{LCh}	70, 37.602, 14.332
Yxy	40.3176, 0.3993, 0.3168
Android (android.graphics.Color)	4293759131 (0xFFED909B)
YUV	173.0610, -8.9041, 56.0745
Hunter-Lab	63.4961, 31.7318, 10.7254

Details

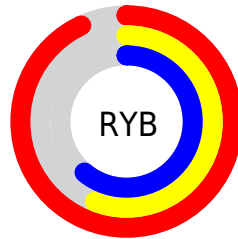
The XYZ color **50.8147, 40.3176, 36.1142** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.5151, 71.9896, 82.9248**, and the grayscale version is **39.7781, 41.8496, 45.5742**.

A 20% lighter version of the original color is **73.1720, 66.7103, 69.3414**, and **24.9162, 18.2375, 15.3037** is the 20% darker color. If you saturate the color by 10%, you get **45.9887, 33.2354, 26.5832**, and if you desaturate by 10%, it is **56.7000, 49.0321, 47.4976**.

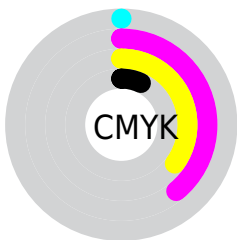
Distribution



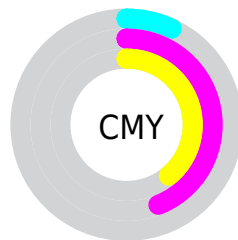
- Red (93%)
- Green (56%)
- Blue (61%)



- Red (93%)
- Yellow (56%)
- Blue (61%)



- Cyan (0%)
- Magenta (39%)
- Yellow (35%)
- Black (7%)





- Cyan (7%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.8147, 40.3176, 36.1142 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 50.8147, 40.3176, 36.1142 by changing the saturation by 10% instead.


 50.8147, 40.3176,
36.1142


 50.8147, 40.3176,
36.1142


380.2430,
347.4604, 344.5119

 36.2816, 27.7863,
24.2320


 90.5654, 75.6469,
70.3793

 24.8229, 18.1646,
15.2920


 116.5138, 99.2136,
93.5993

 16.0732, 11.0682,
8.8757


146.9979,
127.2277, 121.4357

 9.6671, 6.1127,
4.5645

182.3832,
160.0733, 154.3070

 5.2394, 2.9138,
1.9399

223.0350,
198.1350, 192.6317

 2.4246, 1.0869,
0.5179

269.3186,

 0.8574, 0.0000,

241.7972, 236.8284

0.0000

321.5995,
291.4442, 287.3156

■ 0.0000, 0.0000,
0.0000

■ 50.8147, 40.3176,
36.1142

■ 50.8147, 40.3176,
36.1142

■ 45.9887, 33.2354,
26.5832

■ 56.7000, 49.0321,
47.4976

■ 42.1557, 27.6782,
18.8040

■ 63.6994, 59.4656,
60.8221

■ 39.2467, 23.5354,
12.6700

■ 71.8676, 71.7056,
76.1733

■ 37.1825, 20.6787,
8.0620

■ 81.2548, 85.8322,
93.6310

■ 35.8704, 18.9564,
4.8441

■ 88.7351, 96.7445,
108.6045

■ 35.1741, 18.1355,
2.8492

■ 35.1349, 18.0885,
2.7395

Harmonies

Analogous

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



50.7294, 40.3176, 53.5873



50.8147, 40.3176, 36.1142



47.3164, 40.3176, 24.3957

Triad

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



50.8147, 40.3176, 36.1142



30.7104, 40.3176, 24.0238



35.2461, 40.3176, 84.7241

Complementary

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



50.8147, 40.3176, 36.1142



55.5151, 71.9896, 82.9248

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.



30.5441, 40.3176, 71.7333



50.8147, 40.3176, 36.1142



28.1208, 40.3176, 35.4550

Square

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



50.8147, 40.3176, 36.1142



35.4962, 40.3176, 18.7745



28.0634, 40.3176, 52.7291



41.2912, 40.3176, 85.0382

Rectangle

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



50.8147, 40.3176, 36.1142



43.6168, 40.3176, 20.0895



28.0634, 40.3176, 52.7291



33.4716, 40.3176, 81.5676

Sweetspot

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



50.8158, 40.3196, 36.1150



82.0094, 80.3890, 84.6060



56.1873, 42.0064, 85.2674



17.2766, 16.7915, 17.5899



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.



50.8158, 40.3196, 36.1150



55.3753, 40.8100, 33.5264



55.9007, 51.9006, 33.4596



15.1379, 15.0830, 16.0115



19.2069, 9.8855, 1.6251



1.5320, 0.7858, 0.2527

Inverse Universe

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



50.8158, 40.3196, 36.1150



55.3753, 40.8100, 33.5264



48.1217, 54.7101, 88.1446



15.1379, 15.0830, 16.0115



19.2069, 9.8855, 1.6251



1.5320, 0.7858, 0.2527

Previews

White Background



This preview shows how the XYZ color 50.8147, 40.3176, 36.1142 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 50.8147, 40.3176, 36.1142 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 50.8147, 40.3176, 36.1142

Background



This preview shows how black text looks on a background with the XYZ color 50.8147, 40.3176, 36.1142.



This preview shows how white text looks on a background with the XYZ color 50.8147, 40.3176,

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

50.8147, 40.3176, 36.1142

Protanopia

38.9917, 40.6127, 43.3201

Deuteranopia

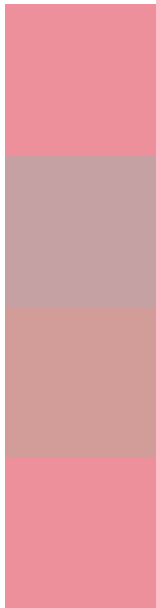
41.1095, 40.2546, 34.8814



Tritanopia

50.8147, 40.3176, 36.1142

Trichromacy



Original Color

50.8147, 40.3176, 36.1142

Protanomaly

42.4717, 40.0404, 40.6120

Deuteranomaly

44.3028, 40.0826, 35.1075

Tritanomaly

50.8147, 40.3176, 36.1142

Monochromacy



Original Color

50.8147, 40.3176, 36.1142

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.5682, 40.3296, 41.6172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8147, 40.3176, 36.1142 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(237, 144, 155)` looks like.

```
.text, #text, p{  
    color:rgb(237, 144, 155)  
}
```

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(237, 144, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 144, 155) }
```

Border

The CSS property to change the border of an element to XYZ 50.8147, 40.3176, 36.1142 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(237, 144, 155) }
```


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

```
.border{ border-color:rgb(237, 144, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 144, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 144, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 144, 155);  
box-shadow:4px 4px 4px 4px rgb(237, 144,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8147, 40.3176, 36.1142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 144, 155) }
```

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

```
.background{ background-color: rgb(237,  
144, 155) }
```

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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