

Converting Colors

XYZ(50.1075, 40.8964, 35.6664)

Have a look what the booklet for
XYZ(50.1075, 40.8964, 35.6664)
contains.

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Color

**XYZ(50.0269, 40.8365,
35.8174)**

Conversions

Conversions Part 1

Format	Color
Hex	E9949A
RGB	233, 148, 154
RGB Percent	91%, 58%, 60%
CMY	0.0863, 0.4196, 0.3961
CMYK	0.00, 0.36, 0.34, 0.09
HSL	356°, 66%, 75%
HSV	356°, 36%, 91%
XYZ	50.0269, 40.8365, 35.8174
YIQ	174.0990, 48.7340, 19.8860

Conversions

Conversions Part 2

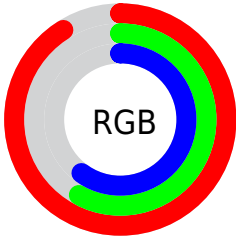
Format	Color
R _Y B	233, 148, 154
Decimal	15307930
CIE Lab	70.06, 32.75, 10.32
CIE LCh	70, 34.334, 17.491
Yxy	40.8365, 0.3949, 0.3224
Android (android.graphics.Color)	4293498010 (0xFFE9949A)
YUV	174.0990, -9.9088, 51.6562
Hunter-Lab	63.9034, 27.9080, 11.5008

Details

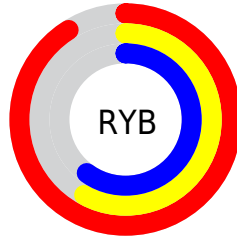
The XYZ color **50.0269, 40.8365, 35.8174** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.2186, 70.1207, 83.3010**, and the grayscale version is **40.3157, 42.4153, 46.1902**.

A 20% lighter version of the original color is **73.9811, 68.5259, 69.0021**, and **24.3102, 18.4590, 15.1136** is the 20% darker color. If you saturate the color by 10%, you get **45.0892, 33.5920, 26.0611**, and if you desaturate by 10%, it is **56.0277, 49.6863, 47.5344**.

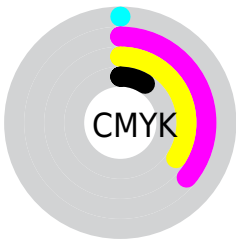
Distribution



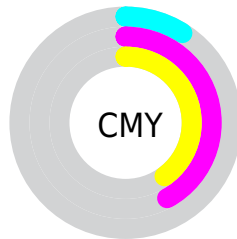
- Red (91%)
- Green (58%)
- Blue (60%)



- Red (91%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (36%)
- Yellow (34%)
- Black (9%)





- Cyan (9%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0269, 40.8365, 35.8174 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 50.0269, 40.8365, 35.8174 by changing the saturation by 10% instead.


 50.0269, 40.8365,
35.8174

 50.0269, 40.8365,
35.8174


377.2214,
349.6368, 343.1750

 35.6527, 28.1914,
24.0046

 89.4063, 76.4356,
69.9160

 24.3349, 18.4700,
15.1248


 115.1422,
100.1584, 93.0389

 15.7083, 11.2879,
8.7594

145.3960,
128.3425, 120.7690

 9.4075, 6.2608,
4.4899

180.5331,
161.3723, 153.5247

 5.0672, 3.0043,
1.8978

220.9188,
199.6323, 191.7246

 2.3219, 1.1340,
0.4913

266.9185,

 0.8058, 0.0068,

243.5068, 235.7872

0.0000

318.8976,
293.3801, 286.1312

■ 0.0000, 0.0000,
0.0000

■ 50.0269, 40.8365,
35.8174

■ 50.0269, 40.8365,
35.8174

■ 45.0892, 33.5920,
26.0611

■ 56.0277, 49.6863,
47.5344

■ 41.1496, 27.8509,
18.1560

■ 63.1454, 60.2232,
61.3084

■ 38.1407, 23.5093,
11.9857

■ 71.4337, 72.5307,
77.2325

■ 35.9857, 20.4474,
7.4195

■ 80.9422, 86.6849,
95.3932

■ 34.5952, 18.5253,
4.3081

■ 87.4143, 96.0637,
108.5427

■ 33.8589, 17.5680,
2.4739

■ 33.7011, 17.3624,
2.0825

Harmonies

Analogous

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



50.3146, 40.8365, 51.4898



50.0269, 40.8365, 35.8174



46.5610, 40.8365, 25.3714

Triad

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



50.0269, 40.8365, 35.8174



31.3989, 40.8365, 26.6991



36.5261, 40.8365, 81.9159

Complementary

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



50.0269, 40.8365, 35.8174



55.2186, 70.1207, 83.3010

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.



31.9776, 40.8365, 71.3187



50.0269, 40.8365, 35.8174



29.2145, 40.8365, 38.1083

Square

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



50.0269, 40.8365, 35.8174



35.6639, 40.8365, 21.0446



29.4156, 40.8365, 54.4009



42.1440, 40.8365, 80.8767

Rectangle

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



50.0269, 40.8365, 35.8174



43.0876, 40.8365, 21.6109



29.4156, 40.8365, 54.4009



34.8325, 40.8365, 79.5074

Sweetspot

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



50.0280, 40.8385, 35.8182



82.8283, 81.8240, 85.5045



56.6369, 43.2203, 82.4481



17.4332, 17.0750, 17.7337



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.



50.0280, 40.8385, 35.8182



56.5952, 43.0700, 34.4870



55.9704, 53.5026, 35.3965



15.1086, 15.0713, 15.8570



19.1390, 9.8583, 1.2672



1.5180, 0.7802, 0.1790

Inverse Universe

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



50.0280, 40.8385, 35.8182



56.5952, 43.0700, 34.4870



47.0214, 52.3788, 84.7227



15.1086, 15.0713, 15.8570



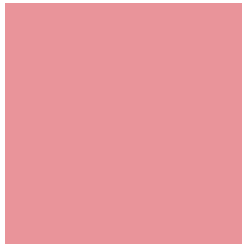
19.1390, 9.8583, 1.2672



1.5180, 0.7802, 0.1790

Previews

White Background



This preview shows how the XYZ color 50.0269, 40.8365, 35.8174 looks on a white background.

Color Contrast Check

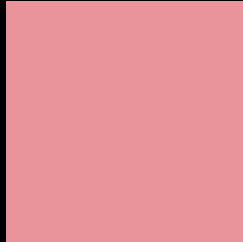
Large Text (above 18pt) WCAG AA × Fail

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 50.0269, 40.8365, 35.8174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

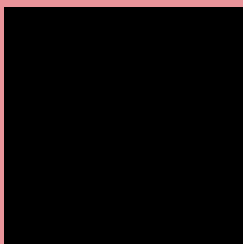
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0269, 40.8365, 35.8174

Background



This preview shows how black text looks on a background with the XYZ color 50.0269, 40.8365, 35.8174.



This preview shows how white text looks on a background with the XYZ color 50.0269, 40.8365,

35.8174.

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

50.0269, 40.8365, 35.8174

Protanopia

39.3503, 41.1091, 41.9373

Deuteranopia

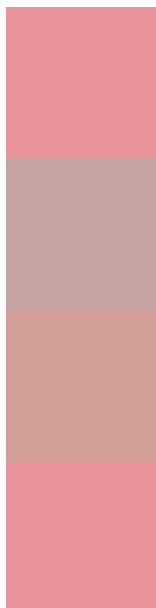
41.8060, 40.8804, 34.9654



Tritanopia

50.2095, 40.6597, 37.5495

Trichromacy



Original Color

50.0269, 40.8365, 35.8174

Protanomaly

42.6447, 40.6733, 39.7855

Deuteranomaly

44.3601, 40.6186, 35.2079

Tritanomaly

50.1238, 40.6254, 37.0980

Monochromacy



Original Color

50.0269, 40.8365, 35.8174

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.9359, 41.3024, 42.2684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0269, 40.8365, 35.8174 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(233, 148, 154)` looks like.

```
.text, #text, p{  
    color:rgb(233, 148, 154)  
}
```

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(233, 148, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 148, 154) }
```

Border

The CSS property to change the border of an element to XYZ 50.0269, 40.8365, 35.8174 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(233, 148, 154) }
```


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

```
.border{ border-color:rgb(233, 148, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 148, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 148, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 148, 154);  
box-shadow:4px 4px 4px 4px rgb(233, 148,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0269, 40.8365, 35.8174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 148, 154) }
```

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

```
.background{ background-color: rgb(233,  
148, 154) }
```

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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