

Converting Colors

XYZ(50.1192, 39.4655, 30.6840)

Have a look what the booklet for
XYZ(50.1192, 39.4655, 30.6840)
contains.

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Color

**XYZ(50.0040, 39.3535,
30.5517)**

Conversions

Conversions Part 1

Format	Color
Hex	EF8D8E
RGB	239, 141, 142
RGB Percent	94%, 55%, 56%
CMY	0.0627, 0.4470, 0.4431
CMYK	0.00, 0.41, 0.41, 0.06
HSL	359°, 75%, 75%
HSV	359°, 41%, 94%
XYZ	50.0040, 39.3535, 30.5517
YIQ	170.4160, 58.0870, 21.0870

Conversions

Conversions Part 2

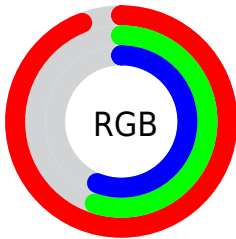
Format	Color
R _Y B	239, 141, 142
Decimal	15699342
CIE Lab	69.01, 37.23, 15.63
CIE LCh	69, 40.378, 22.771
Yxy	39.3535, 0.4170, 0.3282
Android (android.graphics.Color)	4293889422 (0xFFEF8D8E)
YUV	170.4160, -14.0091, 60.1482
Hunter-Lab	62.7324, 32.5008, 15.0374

Details

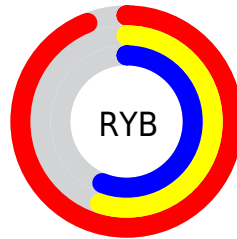
The XYZ color **50.0040, 39.3535, 30.5517** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.2856, 73.5697, 92.0742**, and the grayscale version is **38.4646, 40.4678, 44.0694**.

A 20% lighter version of the original color is **70.9437, 64.7254, 60.9787**, and **24.3265, 17.6208, 12.2442** is the 20% darker color. If you saturate the color by 10%, you get **45.2608, 32.4144, 21.1179**, and if you desaturate by 10%, it is **55.8865, 47.9680, 42.2256**.

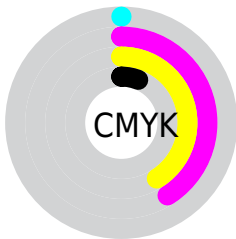
Distribution



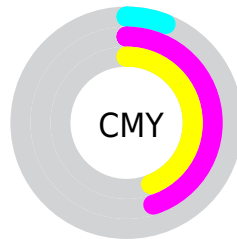
- Red (94%)
- Green (55%)
- Blue (56%)



- Red (94%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (41%)
- Yellow (41%)
- Black (6%)





- Cyan (6%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0040, 39.3535, 30.5517 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 50.0040, 39.3535, 30.5517 by changing the saturation by 10% instead.


 50.0040, 39.3535,
30.5517


 50.0040, 39.3535,
30.5517


377.1333,
343.3911, 318.7546

 35.6344, 27.0348,
20.0021

 89.3726, 74.1780,
61.6049

 24.3208, 17.5994,
12.2125


 115.1023, 97.4527,
82.9455

 15.6978, 10.6628,
6.7643


 145.3494,
125.1482, 108.7203

 9.4000, 5.8405,
3.2389

180.4792,
157.6488, 139.3477

 5.0622, 2.7484,
1.2179

220.8572,
195.3390, 175.2463

 2.3189, 1.0018,
0.0000

266.8486,

 0.8043, 0.0000,

238.6032, 216.8346

0.0000

318.8189,
287.8258, 264.5312

■ 0.0000, 0.0000,
0.0000

■ 50.0040, 39.3535,
30.5517

■ 50.0040, 39.3535,
30.5517

■ 45.2608, 32.4144,
21.1179

■ 55.8865, 47.9680,
42.2256

■ 41.5804, 27.0363,
13.7788

■ 62.9723, 58.3507,
56.2680

■ 38.8819, 23.1001,
8.3755


■ 71.3240, 70.5945,
72.8001

■ 37.0712, 20.4669,
4.7254

■ 80.9992, 84.7844,
91.9343

■ 36.0361, 18.9706,
2.6110

■ 89.4066, 97.0907,
108.6359

 35.6099, 18.3560,
1.7359

Harmonies

Analogous

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



51.0617, 39.3535, 47.4618



50.0040, 39.3535, 30.5517



45.3954, 39.3535, 20.3845

Triad

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



50.0040, 39.3535, 30.5517



28.3971, 39.3535, 24.7963



35.8698, 39.3535, 88.4591

Complementary

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



50.0040, 39.3535, 30.5517



57.2856, 73.5697, 92.0742

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.



30.4108, 39.3535, 77.6849



50.0040, 39.3535, 30.5517



26.4291, 39.3535, 38.5457

Square

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



50.0040, 39.3535, 30.5517



32.8194, 39.3535, 17.7877



27.1217, 39.3535, 58.0701



42.3975, 39.3535, 84.5008

Rectangle

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



50.0040, 39.3535, 30.5517



41.1877, 39.3535, 17.1438



27.1217, 39.3535, 58.0701



33.8600, 39.3535, 86.3560

Sweetspot

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



50.0050, 39.3555, 30.5524



81.5544, 80.2070, 82.2104



60.1535, 43.3514, 86.8585



17.1706, 16.7491, 17.0316



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.



50.0050, 39.3555, 30.5524



53.3476, 38.8859, 26.2799



58.4672, 56.3988, 33.0064



15.7793, 15.7614, 16.3942



19.6817, 10.1451, 0.9744



1.6396, 0.8449, 0.0930

Inverse Universe

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



50.0050, 39.3555, 30.5524



53.3476, 38.8859, 26.2799



45.3355, 49.4352, 88.8138



15.7793, 15.7614, 16.3942



19.6817, 10.1451, 0.9744



1.6396, 0.8449, 0.0930

Previews

White Background



This preview shows how the XYZ color 50.0040, 39.3535, 30.5517 looks on a white background.

Color Contrast Check

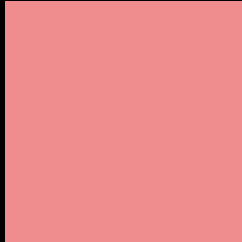
Large Text (above 18pt) WCAG AA × Fail

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 50.0040, 39.3535, 30.5517 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 50.0040, 39.3535, 30.5517

Background



This preview shows how black text looks on a background with the XYZ color 50.0040, 39.3535, 30.5517.



This preview shows how white text looks on a background with the XYZ color 50.0040, 39.3535,

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

50.0040, 39.3535, 30.5517

Protanopia

37.6826, 39.5195, 37.0944

Deuteranopia

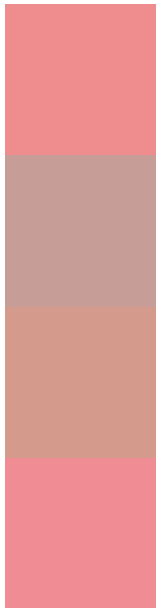
40.2727, 39.4114, 29.5293



Tritanopia

50.8183, 39.4834, 33.7968

Trichromacy



Original Color

50.0040, 39.3535, 30.5517

Protanomaly

41.1015, 38.6939, 34.5805

Deuteranomaly

43.3672, 38.9723, 29.6628

Tritanomaly

50.5797, 39.3880, 32.5406

Monochromacy



Original Color

50.0040, 39.3535, 30.5517

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

41.2490, 38.9364, 38.5991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0040, 39.3535, 30.5517 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(239, 141, 142)` looks like.

```
.text, #text, p{  
    color:rgb(239, 141, 142)  
}
```

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(239, 141, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 141, 142) }
```

Border

The CSS property to change the border of an element to XYZ 50.0040, 39.3535, 30.5517 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(239, 141, 142) }
```


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

```
.border{ border-color:rgb(239, 141, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 141, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 141, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 141, 142);  
box-shadow:4px 4px 4px 4px rgb(239, 141,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0040, 39.3535, 30.5517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 141, 142) }
```

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

```
.background{ background-color: rgb(239,  
141, 142) }
```

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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