

Converting Colors

XYZ(39.1199, 25.5490, 16.7851)

Have a look what the booklet for
XYZ(39.1199, 25.5490, 16.7851)
contains.

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Color

**XYZ(39.1141, 25.5388,
16.7779)**

Conversions

Conversions Part 1

Format	Color
Hex	E65C6B
RGB	230, 92, 107
RGB Percent	90%, 36%, 42%
CMY	0.0980, 0.6392, 0.5804
CMYK	0.00, 0.60, 0.53, 0.10
HSL	353°, 73%, 63%
HSV	353°, 60%, 90%
XYZ	39.1141, 25.5388, 16.7779
YIQ	134.9720, 77.4330, 33.9210

Conversions

Conversions Part 2

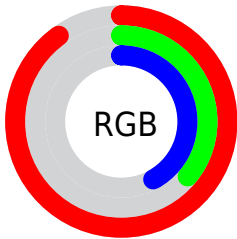
Format	Color
R_{YB}	230, 92, 107
Decimal	15096939
CIE _{Lab}	57.60, 54.68, 19.67
CIE _{LCh}	58, 58.110, 19.783
Yxy	25.5388, 0.4803, 0.3136
Android (android.graphics.Color)	4293287019 (0xFFE65C6B)
YUV	134.9720, -13.7902, 83.3396
Hunter-Lab	50.5359, 49.7186, 15.6909

Details

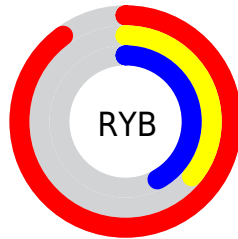
The XYZ color **39.1141, 25.5388, 16.7779** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **44.9778, 63.7758, 74.2340**, and the grayscale version is **23.0492, 24.2495, 26.4077**.

A 20% lighter version of the original color is **57.8453, 44.5961, 37.9069**, and **17.7217, 9.8490, 5.2420** is the 20% darker color. If you saturate the color by 10%, you get **36.4615, 21.7602, 11.1885**, and if you desaturate by 10%, it is **42.6282, 30.6317, 23.9164**.

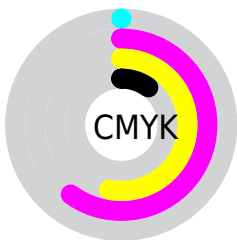
Distribution



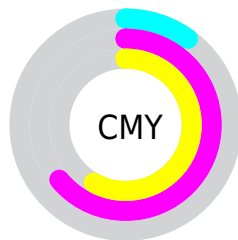
- Red (90%)
- Green (36%)
- Blue (42%)



- Red (90%)
- Yellow (36%)
- Blue (42%)



- Cyan (0%)
- Magenta (60%)
- Yellow (53%)
- Black (10%)





- Cyan (10%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1141, 25.5388, 16.7779 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 39.1141, 25.5388, 16.7779 by changing the saturation by 10% instead.

 39.1141, 25.5388,
16.7779


 39.1141, 25.5388,
16.7779


333.5742,
280.5107, 245.8897


 27.0296, 16.4789,
9.9160


 73.1055, 52.5300,
38.7289


 17.7322, 9.8637,
5.2384


 95.7432, 71.2301,
54.6551

 10.8564, 5.3087,
2.3266


 122.6294, 93.9124,
74.4398

 6.0369, 2.4295,
0.7461

 154.1293,
120.9613, 98.5015

 2.9084, 0.8410,
0.0000

190.6084,
152.7611, 127.2588

 1.1055, 0.0000,
0.0000

232.4320,

 0.0297, 0.0000,

189.6964, 161.1303

0.0000

279.9655,
232.1515, 200.5344

■ 0.0000, 0.0000,
0.0000

■ 39.1141, 25.5388,
16.7779

■ 39.1141, 25.5388,
16.7779

■ 36.4615, 21.7602,
11.1885

■ 42.6282, 30.6317,
23.9164

■ 34.5936, 19.1709,
7.0311

■ 47.0682, 37.1404,
32.7063

■ 33.4228, 17.6294,
4.1744

■ 52.4942, 45.1615,
43.2427

■ 32.8085, 16.8933,
2.4510

■ 58.9610, 54.7816,
55.6133

■ 32.8083, 16.8931,
2.4506

■ 66.5192, 66.0810,
69.8996

■ 75.2159, 79.1346,
86.1783

■ 85.0959, 94.0126,
104.5220

■ 86.4430, 95.5629,
108.4972

Harmonies

Analogous

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



39.9107, 25.5388, 35.1494



39.1141, 25.5388, 16.7779



33.9460, 25.5388, 7.6474

Triad

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



39.1141, 25.5388, 16.7779



15.4462, 25.5388, 9.7150



21.9837, 25.5388, 84.8955

Complementary

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



39.1141, 25.5388, 16.7779



44.9778, 63.7758, 74.2340

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.



16.6393, 25.5388, 68.3700



39.1141, 25.5388, 16.7779



13.3703, 25.5388, 21.5664

Square

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



39.1141, 25.5388, 16.7779



20.0332, 25.5388, 5.1247



13.7609, 25.5388, 42.8451



29.0744, 25.5388, 81.4727

Rectangle

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



39.1141, 25.5388, 16.7779



29.1818, 25.5388, 5.1569



13.7609, 25.5388, 42.8451



19.9496, 25.5388, 81.2699

Sweetspot

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



39.1147, 25.5402, 16.7783



76.2137, 71.7695, 73.5126



45.8133, 27.6501, 77.7850



15.7547, 14.5289, 14.6741



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.



39.1147, 25.5402, 16.7783



45.4221, 26.5789, 12.7126



44.6760, 37.8175, 15.0719



14.4403, 14.3933, 15.2532



18.5960, 9.5726, 1.5015



1.3956, 0.7160, 0.2238

Inverse Universe

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



39.1147, 25.5402, 16.7783



45.4221, 26.5789, 12.7126



34.4398, 39.4738, 80.6666



14.4403, 14.3933, 15.2532



18.5960, 9.5726, 1.5015



1.3956, 0.7160, 0.2238

Previews

White Background



This preview shows how the XYZ color 39.1141, 25.5388, 16.7779 looks on a white background.

Color Contrast Check

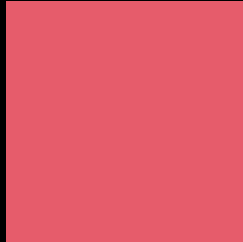
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.1141, 25.5388, 16.7779 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 × Fail

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

XYZ 39.1141, 25.5388, 16.7779

Background



This preview shows how black text looks on a background with the XYZ color 39.1141, 25.5388, 16.7779.



This preview shows how white text looks on a background with the XYZ color 39.1141, 25.5388,

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

39.1141, 25.5388, 16.7779

Protanopia

24.3786, 25.6016, 24.4256

Deuteranopia

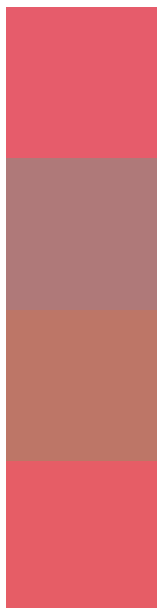
26.2535, 25.7140, 15.8915



Tritanopia

38.7996, 25.5525, 14.6915

Trichromacy



Original Color

39.1141, 25.5388, 16.7779

Protanomaly

27.9678, 24.1692, 21.2802

Deuteranomaly

29.9129, 24.7550, 16.0336

Tritanomaly

38.9458, 25.6110, 15.4611

Monochromacy



Original Color

39.1141, 25.5388, 16.7779

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.8761, 23.2204, 22.4675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1141, 25.5388, 16.7779 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(230, 92, 107)` looks like.

```
.text, #text, p{  
    color:rgb(230, 92, 107)  
}
```

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(230, 92, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 92, 107) }
```

Border

The CSS property to change the border of an element to XYZ 39.1141, 25.5388, 16.7779 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(230, 92, 107) }
```


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

```
.border{ border-color:rgb(230, 92, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 92, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 92, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 92, 107);  
box-shadow:4px 4px 4px 4px rgb(230, 92,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1141, 25.5388, 16.7779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 92, 107) }
```

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

```
.background{ background-color: rgb(230, 92,  
107) }
```

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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