

Converting Colors

XYZ(39.3439, 24.3176, 18.8181)

Have a look what the booklet for
XYZ(39.3439, 24.3176, 18.8181)
contains.

XYZ(39.3157, 24.2785, 18.8337)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.3157, 24.2785,
18.8337)**

Conversions

Conversions Part 1

Format	Color
Hex	E85173
RGB	232, 81, 115
RGB Percent	91%, 32%, 45%
CMY	0.0902, 0.6823, 0.5490
CMYK	0.00, 0.65, 0.50, 0.09
HSL	346°, 77%, 61%
HSV	346°, 65%, 91%
XYZ	39.3157, 24.2785, 18.8337
YIQ	130.0250, 79.0820, 42.5860

Conversions

Conversions Part 2

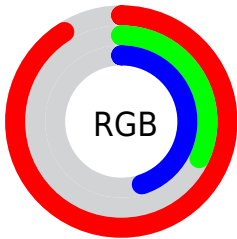
Format	Color
R_{YB}	232, 81, 115
Decimal	15225203
CIE _{Lab}	56.37, 60.62, 13.33
CIE _{LCh}	56, 62.074, 12.404
Yxy	24.2785, 0.4770, 0.2945
Android (android.graphics.Color)	4293415283 (0xFFE85173)
YUV	130.0250, -7.4073, 89.4321
Hunter-Lab	49.2732, 56.1992, 11.8288

Details

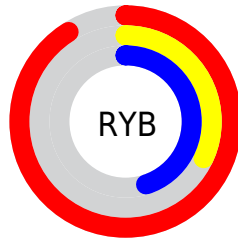
The XYZ color **39.3157, 24.2785, 18.8337** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **42.4447, 63.5405, 63.4588**, and the grayscale version is **21.2339, 22.3397, 24.3280**.

A 20% lighter version of the original color is **57.3035, 42.2270, 41.6896**, and **17.8837, 9.2151, 6.1463** is the 20% darker color. If you saturate the color by 10%, you get **36.9409, 21.0262, 13.4264**, and if you desaturate by 10%, it is **42.4822, 28.7914, 25.5005**.

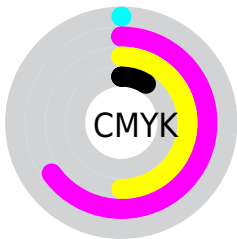
Distribution



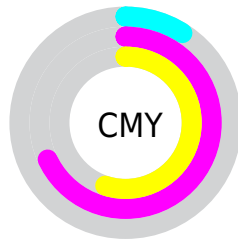
- Red (91%)
- Green (32%)
- Blue (45%)



- Red (91%)
- Yellow (32%)
- Blue (45%)



- Cyan (0%)
- Magenta (65%)
- Yellow (50%)
- Black (9%)





- Cyan (9%)
- Magenta (68%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3157, 24.2785, 18.8337 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 39.3157, 24.2785, 18.8337 by changing the saturation by 10% instead.


 39.3157, 24.2785,
18.8337


 39.3157, 24.2785,
18.8337

334.4149,
274.2255, 257.9212


 27.1872, 15.5403,
11.3746


 73.4113, 50.4843,
42.2859


 17.8512, 9.1995,
6.2020


 96.1092, 68.7207,
59.1160

 10.9423, 4.8715,
2.8976


 123.0610, 90.8920,
79.9068

 6.0950, 2.1721,
1.0426

 154.6319,
117.3826, 105.0770

 2.9442, 0.7047,
0.0000

191.1874,
148.5768, 135.0449

 1.1243, 0.0000,
0.0000

233.0929,

 0.0453, 0.0000,

184.8591, 170.2293

0.0000

280.7136,
226.6139, 211.0485

■ 0.0000, 0.0000,
0.0000

■ 39.3157, 24.2785,
18.8337

■ 39.3157, 24.2785,
18.8337

■ 36.9409, 21.0262,
13.4264

■ 42.4822, 28.7914,
25.5005

■ 35.2812, 18.9002,
9.1945

■ 46.5032, 34.6734,
33.5006

■ 34.2472, 17.7423,
6.0442


■ 51.4375, 42.0255,
42.9034


■ 33.9036, 17.4058,
4.8485

■ 57.3378, 50.9382,
53.7728

■ 64.2527, 61.4948,
66.1689

 72.2277, 73.7725,
80.1483

 81.3053, 87.8436,
95.7647

 87.0886, 95.8958,
108.5274

Harmonies

Analogous

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



38.8567, 24.2785, 40.2469



39.3157, 24.2785, 18.8337



34.8170, 24.2785, 7.7566

Triad

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



39.3157, 24.2785, 18.8337



14.9767, 24.2785, 6.6932



19.1567, 24.2785, 84.6995

Complementary

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



39.3157, 24.2785, 18.8337



42.4447, 63.5405, 63.4588

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.



14.3247, 24.2785, 62.9666



39.3157, 24.2785, 18.8337



12.2775, 24.2785, 16.2114

Square

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



39.3157, 24.2785, 18.8337



20.2415, 24.2785, 3.5919



12.0666, 24.2785, 35.8479



26.1635, 24.2785, 86.7263

Rectangle

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



39.3157, 24.2785, 18.8337



30.0643, 24.2785, 4.6198



12.0666, 24.2785, 35.8479



17.2643, 24.2785, 79.0849

Sweetspot

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



39.3163, 24.2798, 18.8341



75.1605, 69.3768, 74.0443



40.4740, 23.5516, 78.7565



15.5805, 14.0766, 14.9364



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.



39.3163, 24.2798, 18.8341



45.0019, 25.0352, 14.7407



41.6349, 31.4913, 11.6705



14.5092, 14.4209, 15.6158



18.8612, 9.6787, 2.8980



1.4285, 0.7291, 0.3969

Inverse Universe

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



39.3163, 24.2798, 18.8341



45.0019, 25.0352, 14.7407



36.7513, 45.1592, 83.1234



14.5092, 14.4209, 15.6158



18.8612, 9.6787, 2.8980



1.4285, 0.7291, 0.3969

Previews

White Background



This preview shows how the XYZ color 39.3157, 24.2785, 18.8337 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 39.3157, 24.2785, 18.8337 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 39.3157, 24.2785, 18.8337

Background



This preview shows how black text looks on a background with the XYZ color 39.3157, 24.2785, 18.8337.



This preview shows how white text looks on a background with the XYZ color 39.3157, 24.2785,

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

39.3157, 24.2785, 18.8337

Protanopia

23.7752, 24.5454, 29.4712

Deuteranopia

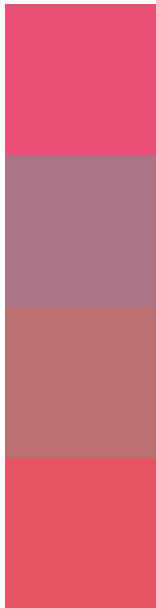
24.7900, 24.3171, 17.5745



Tritanopia

38.1711, 24.3998, 12.5953

Trichromacy



Original Color

39.3157, 24.2785, 18.8337

Protanomaly

27.1590, 22.6128, 25.1236

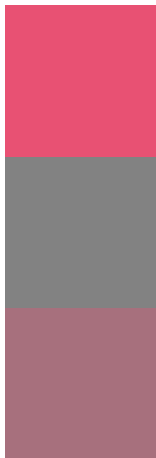
Deuteranomaly

28.6710, 23.0503, 17.9770

Tritanomaly

38.4256, 24.2497, 14.7120

Monochromacy



Original Color

39.3157, 24.2785, 18.8337

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

25.4322, 21.2845, 22.1699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3157, 24.2785, 18.8337 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(232, 81, 115)` looks like.

```
.text, #text, p{  
    color:rgb(232, 81, 115)  
}
```

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(232, 81, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 81, 115) }
```

Border

The CSS property to change the border of an element to XYZ 39.3157, 24.2785, 18.8337 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(232, 81, 115) }
```


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

```
.border{ border-color:rgb(232, 81, 115) }
```

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

Here you see how a box with a 4 pixel rgb(232, 81, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 81, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 81, 115);  
box-shadow:4px 4px 4px 4px rgb(232, 81,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3157, 24.2785, 18.8337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 81, 115) }
```

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

```
.background{ background-color: rgb(232, 81,  
115) }
```

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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