

Converting Colors

XYZ(39.3814, 24.7359, 18.2914)

Have a look what the booklet for
XYZ(39.3814, 24.7359, 18.2914)
contains.

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Color

**XYZ(39.5078, 24.8451,
18.3361)**

Conversions

Conversions Part 1

Format	Color
Hex	E85571
RGB	232, 85, 113
RGB Percent	91%, 33%, 44%
CMY	0.0902, 0.6666, 0.5569
CMYK	0.00, 0.63, 0.51, 0.09
HSL	349°, 76%, 62%
HSV	349°, 63%, 91%
XYZ	39.5078, 24.8451, 18.3361
YIQ	132.1450, 78.6240, 39.8720

Conversions

Conversions Part 2

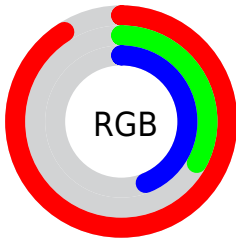
Format	Color
R_{YB}	232, 85, 113
Decimal	15226225
CIE _{Lab}	56.92, 58.82, 15.29
CIE _{LCh}	57, 60.777, 14.567
Yxy	24.8451, 0.4778, 0.3005
Android (android.graphics.Color)	4293416305 (0xFFE85571)
YUV	132.1450, -9.4385, 87.5728
Hunter-Lab	49.8449, 54.2533, 13.0808

Details

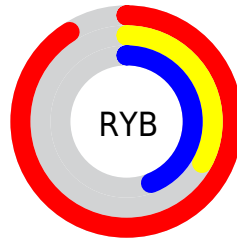
The XYZ color **39.5078, 24.8451, 18.3361** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **43.5037, 64.0046, 67.1931**, and the grayscale version is **21.9988, 23.1444, 25.2043**.

A 20% lighter version of the original color is **57.5564, 43.0264, 40.8687**, and **18.0108, 9.5170, 6.0419** is the 20% darker color. If you saturate the color by 10%, you get **37.0210, 21.3924, 12.8191**, and if you desaturate by 10%, it is **42.8132, 29.5851, 25.2059**.

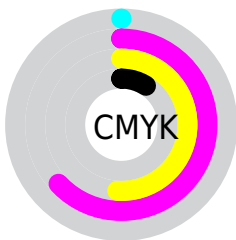
Distribution



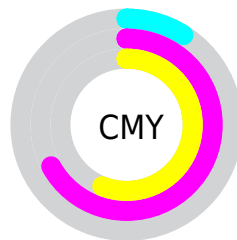
- Red (91%)
- Green (33%)
- Blue (44%)



- Red (91%)
- Yellow (33%)
- Blue (44%)



- Cyan (0%)
- Magenta (63%)
- Yellow (51%)
- Black (9%)





- Cyan (9%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5078, 24.8451, 18.3361 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 39.5078, 24.8451, 18.3361 by changing the saturation by 10% instead.

 39.5078, 24.8451,
18.3361

 39.5078, 24.8451,
18.3361

335.2147,
277.0657, 255.0581


 27.3375, 15.9617,
11.0196


 73.7025, 51.4058,
41.4308


 17.9647, 9.4970,
5.9657


 96.4577, 69.8519,
58.0462

 11.0242, 5.0668,
2.7558


 123.4718, 92.2544,
78.5983

 6.1505, 2.2865,
0.9713

 155.1103,
118.9976, 103.5056

 2.9784, 0.7665,
0.0000

191.7385,
150.4659, 133.1867

 1.1423, 0.0000,
0.0000

233.7217,

 0.0601, 0.0000,

187.0437, 168.0601

0.0000

281.4253,
229.1155, 208.5444

■ 0.0000, 0.0000,
0.0000

■ 39.5078, 24.8451,
18.3361

■ 39.5078, 24.8451,
18.3361

■ 37.0210, 21.3924,
12.8191

■ 42.8132, 29.5851,
25.2059

■ 35.2763, 19.0952,
8.5617

■ 47.0005, 35.7187,
33.5104


■ 34.1851, 17.8010,
5.4601


■ 52.1290, 43.3462,
43.3261


■ 33.7365, 17.3389,
3.9692

■ 58.2520, 52.5570,
54.7240

■ 65.4189, 63.4339,
67.7703

 73.6757, 76.0536,
82.5273

 83.0658, 90.4883,
99.0542

 87.0885, 95.8957,
108.5274

Harmonies

Analogous

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



39.4324, 24.8451, 38.8917



39.5078, 24.8451, 18.3361



34.7792, 24.8451, 7.8052

Triad

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



39.5078, 24.8451, 18.3361



15.2473, 24.8451, 7.6237



20.1538, 24.8451, 85.2243

Complementary

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



39.5078, 24.8451, 18.3361



43.5037, 64.0046, 67.1931

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.



15.1383, 24.8451, 64.9757



39.5078, 24.8451, 18.3361



12.7186, 24.8451, 17.8981

Square

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



39.5078, 24.8451, 18.3361



20.3341, 24.8451, 4.0768



12.6832, 24.8451, 38.1673



27.2301, 24.8451, 85.5542

Rectangle

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



39.5078, 24.8451, 18.3361



29.9990, 24.8451, 4.8394



12.6832, 24.8451, 38.1673



18.2069, 24.8451, 80.1963

Sweetspot

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



39.5084, 24.8465, 18.3365



75.8097, 70.6142, 74.4485



42.3348, 24.9653, 78.9309



15.6976, 14.3133, 14.9681



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.



39.5084, 24.8465, 18.3365



45.1290, 25.5027, 14.1253



42.7829, 33.5403, 12.8153



14.4886, 14.4126, 15.5072



18.7637, 9.6397, 2.3844



1.4184, 0.7251, 0.3441

Inverse Universe

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



39.5084, 24.8465, 18.3365



45.1290, 25.5027, 14.1253



36.2750, 43.6827, 82.8631



14.4886, 14.4126, 15.5072



18.7637, 9.6397, 2.3844



1.4184, 0.7251, 0.3441

Previews

White Background



This preview shows how the XYZ color 39.5078, 24.8451, 18.3361 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 39.5078, 24.8451, 18.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

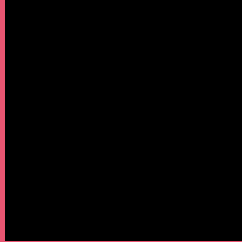
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.5078, 24.8451, 18.3361

Background



This preview shows how black text looks on a background with the XYZ color 39.5078, 24.8451, 18.3361.

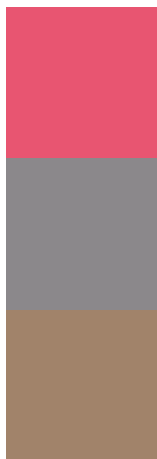


This preview shows how white text looks on a background with the XYZ color 39.5078, 24.8451,

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

39.5078, 24.8451, 18.3361

Protanopia

24.1118, 24.9614, 27.9733

Deuteranopia

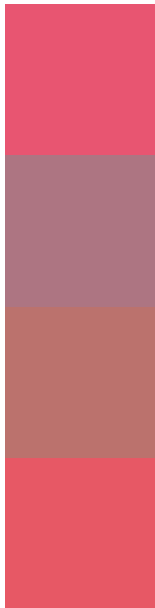
25.4158, 24.8503, 17.0927



Tritanopia

38.5478, 24.9418, 13.3722

Trichromacy



Original Color

39.5078, 24.8451, 18.3361

Protanomaly

27.6241, 23.2185, 24.1448

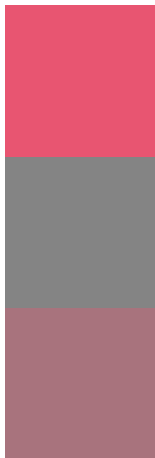
Deuteranomaly

29.2711, 23.7035, 17.5005

Tritanomaly

38.7937, 24.9080, 15.0750

Monochromacy



Original Color

39.5078, 24.8451, 18.3361

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

25.9809, 22.0670, 22.2920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5078, 24.8451, 18.3361 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, 85, 113)` looks like.

```
.text, #text, p{  
    color:rgb(232, 85, 113)  
}
```

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, 85, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 85, 113) }
```

Border

The CSS property to change the border of an element to XYZ 39.5078, 24.8451, 18.3361 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, 85, 113) }
```


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

```
.border{ border-color:rgb(232, 85, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 85, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 85, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 85, 113);  
box-shadow:4px 4px 4px 4px rgb(232, 85,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5078, 24.8451, 18.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 85, 113) }
```

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

```
.background{ background-color: rgb(232, 85,  
113) }
```

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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