

Converting Colors

XYZ(39.3018, 23.5534, 22.5535)

Have a look what the booklet for
XYZ(39.3018, 23.5534, 22.5535)
contains.

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Color

**XYZ(39.3018, 23.5534,
22.5535)**

Conversions

Conversions Part 1

Format	Color
Hex	E74B7F
RGB	231, 75, 127
RGB Percent	91%, 29%, 50%
CMY	0.0941, 0.7058, 0.5020
CMYK	0.00, 0.68, 0.45, 0.09
HSL	340°, 76%, 60%
HSV	340°, 68%, 91%
XYZ	39.3018, 23.5534, 22.5535
YIQ	127.5720, 76.2840, 49.2440

Conversions

Conversions Part 2

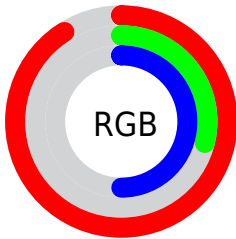
Format	Color
RYB	231, 75, 127
Decimal	15158143
CIELab	55.64, 63.72, 5.18
CIElCh	56, 63.928, 4.646
Yxy	23.5534, 0.4602, 0.2758
Android (android.graphics.Color)	4293348223 (0xFFE74B7F)
YUV	127.5720, -0.2820, 90.7064
Hunter-Lab	48.5318, 59.6212, 6.4193

Details

The XYZ color **39.3018, 23.5534, 22.5535** 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 **39.6158, 61.9029, 52.5132**, and the grayscale version is **20.3535, 21.4135, 23.3193**.

A 20% lighter version of the original color is **57.8657, 41.3303, 48.1077**, and **17.9527, 9.0961, 8.0172** is the 20% darker color. If you saturate the color by 10%, you get **37.0812, 20.5978, 17.2340**, and if you desaturate by 10%, it is **42.2455, 27.7099, 28.8714**.

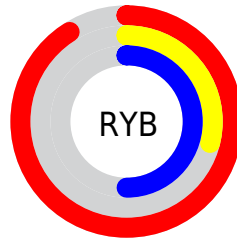
Distribution



Red (91%)

Green (29%)

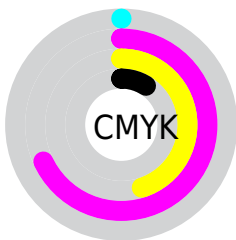
Blue (50%)



Red (91%)

Yellow (29%)

Blue (50%)

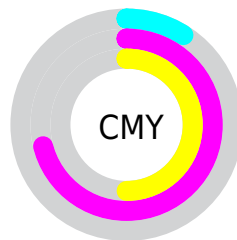


Cyan (0%)

Magenta (68%)

Yellow (45%)

Black (9%)



Cyan (9%)


Magenta (71%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3018, 23.5534, 22.5535 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 39.3018, 23.5534, 22.5535 by changing the saturation by 10% instead.

 39.3018, 23.5534,
22.5535


 39.3018, 23.5534,
22.5535


334.3570,
270.5548, 278.4705


 27.1764, 15.0027,
14.0620


 73.3903, 49.3004,
48.5730


 17.8430, 8.8213,
8.0245


 96.0840, 67.2655,
66.9380


 10.9363, 4.6248,
4.0227


 123.0312, 89.1375,
89.4313

 6.0910, 2.0288,
1.6378

 154.5973,
115.3008, 116.4714

 2.9417, 0.6241,
0.3176

 191.1475,
146.1397, 148.4768

 1.1230, 0.0000,
0.0000

233.0473,

 0.0442, 0.0000,

182.0388, 185.8661

0.0000

280.6621,
223.3824, 229.0579

■ 0.0000, 0.0000,
0.0000

■ 39.3018, 23.5534,
22.5535

■ 39.3018, 23.5534,
22.5535

■ 37.0812, 20.5978,
17.2340

■ 42.2455, 27.7099,
28.8714

■ 35.5101, 18.7065,
12.8535

■ 45.9723, 33.1765,
36.2393


■ 34.4945, 17.7039,
9.3440


■ 50.5376, 40.0544,
44.7059

■ 34.2941, 17.5245,
8.5946


■ 55.9912, 48.4337,
54.3166

■ 62.3786, 58.3969,
65.1138

 69.7425, 70.0206,
77.1377

 78.1226, 83.3763,
90.4266

 86.0027, 95.4240,
104.4990

 86.7649, 95.7289,
108.5123

Harmonies

Analogous

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



37.4492, 23.5534, 46.7556



39.3018, 23.5534, 22.5535



35.8844, 23.5534, 9.0152

Triad

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



39.3018, 23.5534, 22.5535



15.3760, 23.5534, 4.8552



16.9451, 23.5534, 81.0861

Complementary

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



39.3018, 23.5534, 22.5535



39.6158, 61.9029, 52.5132

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.



12.7857, 23.5534, 55.5985



39.3018, 23.5534, 22.5535



12.0260, 23.5534, 12.0940

Square

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



39.3018, 23.5534, 22.5535



21.2793, 23.5534, 2.9099



11.1912, 23.5534, 29.0082



23.5320, 23.5534, 89.3315

Rectangle

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



39.3018, 23.5534, 22.5535



31.4344, 23.5534, 4.9488



11.1912, 23.5534, 29.0082



15.2667, 23.5534, 73.7621

Sweetspot

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



39.3024, 23.5547, 22.5539



75.8837, 69.6661, 77.8526



35.5316, 20.3871, 77.6634



15.7516, 14.1451, 15.8373



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.



39.3024, 23.5547, 22.5539



45.5435, 24.7021, 19.2873



38.8797, 26.8060, 9.7833



14.5741, 14.4468, 15.9578



19.2773, 9.8451, 5.0893



1.4664, 0.7443, 0.5966

Inverse Universe

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



39.3024, 23.5547, 22.5539



45.5435, 24.7021, 19.2873



39.1578, 50.9290, 83.3675



14.5741, 14.4468, 15.9578



19.2773, 9.8451, 5.0893



1.4664, 0.7443, 0.5966

Previews

White Background



This preview shows how the XYZ color 39.3018, 23.5534, 22.5535 looks on a white background.

Color Contrast Check

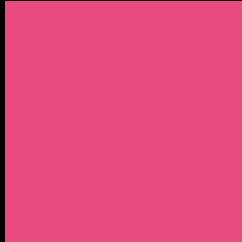
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.3018, 23.5534, 22.5535 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 39.3018, 23.5534, 22.5535

Background



This preview shows how black text looks on a background with the XYZ color 39.3018, 23.5534, 22.5535.



This preview shows how white text looks on a background with the XYZ color 39.3018, 23.5534,

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

39.3018, 23.5534, 22.5535

Protanopia

23.6348, 23.9023, 36.6256

Deuteranopia

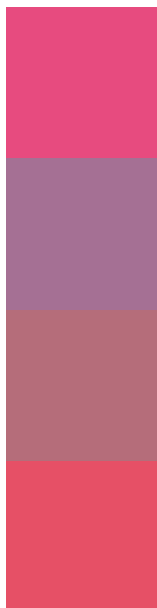
24.1289, 23.7078, 20.7571



Tritanopia

37.1678, 23.5491, 11.8190

Trichromacy



Original Color

39.3018, 23.5534, 22.5535

Protanomaly

26.6565, 21.7258, 30.8055

Deuteranomaly

28.0375, 22.1662, 21.2131

Tritanomaly

37.9001, 23.5196, 15.1126

Monochromacy



Original Color

39.3018, 23.5534, 22.5535

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

24.8820, 20.4951, 23.0666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3018, 23.5534, 22.5535 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(231, 75, 127)` looks like.

```
.text, #text, p{  
  color:rgb(231, 75, 127)  
}
```

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(231, 75, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 75, 127) }
```

Border

The CSS property to change the border of an element to XYZ 39.3018, 23.5534, 22.5535 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(231, 75, 127) }
```


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

```
.border{ border-color:rgb(231, 75, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 75, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 75, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 75, 127); box-shadow:4px 4px 4px 4px rgb(231, 75, 127) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3018, 23.5534, 22.5535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 75, 127) }
```

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

```
.background{ background-color: rgb(231, 75,  
127) }
```

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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