

Converting Colors

XYZ(38.9763, 21.7861, 13.8337)

Have a look what the booklet for
XYZ(38.9763, 21.7861, 13.8337)
contains.

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Color

**XYZ(39.1679, 21.8899,
13.9652)**

Conversions

Conversions Part 1

Format	Color
Hex	EF3663
RGB	239, 54, 99
RGB Percent	94%, 21%, 39%
CMY	0.0627, 0.7882, 0.6118
CMYK	0.00, 0.77, 0.59, 0.06
HSL	345°, 85%, 57%
HSV	345°, 77%, 94%
XYZ	39.1679, 21.8899, 13.9652
YIQ	114.4450, 95.8150, 53.2150

Conversions

Conversions Part 2

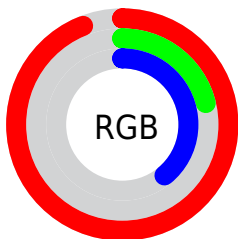
Format	Color
R_{YB}	239, 54, 99
Decimal	15677027
CIE _{Lab}	53.91, 70.74, 19.67
CIE _{LCh}	54, 73.426, 15.541
Yxy	21.8899, 0.5221, 0.2918
Android (android.graphics.Color)	4293867107 (0xFFEF3663)
YUV	114.4450, -7.6144, 109.2347
Hunter-Lab	46.7866, 67.5564, 15.0534

Details

The XYZ color **39.1679, 21.8899, 13.9652** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **42.1276, 66.4130, 61.6456**, and the grayscale version is **16.1318, 16.9719, 18.4825**.

A 20% lighter version of the original color is **53.0261, 36.1525, 32.6171**, and **18.5471, 9.4871, 4.2218** is the 20% darker color. If you saturate the color by 10%, you get **37.5455, 19.8778, 9.6254**, and if you desaturate by 10%, it is **41.5308, 25.0737, 19.5077**.

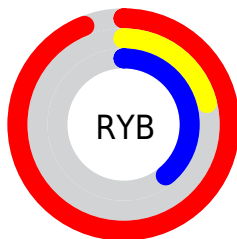
Distribution



Red (94%)

Green (21%)

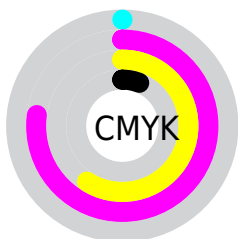
Blue (39%)



Red (94%)

Yellow (21%)

Blue (39%)

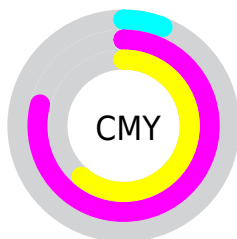


Cyan (0%)

Magenta (77%)

Yellow (59%)

Black (6%)



Cyan (6%)


Magenta (79%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1679, 21.8899, 13.9652 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 39.1679, 21.8899, 13.9652 by changing the saturation by 10% instead.


 39.1679, 21.8899,
13.9652


 39.1679, 21.8899,
13.9652

333.7987,
261.9708, 228.4351

 27.0717, 13.7760,
7.9580


 73.1872, 46.5640,
33.7435

 17.7639, 7.9651,
3.9807


 95.8409, 63.8929,
48.3517


 10.8793, 4.0726,
1.6148


 122.7446, 85.0624,
66.6639

 6.0524, 1.7143,
0.3013

 154.2635,
110.4567, 89.0988

 2.9179, 0.4329,
0.0000

 190.7630,
140.4603, 116.0748

 1.1105, 0.0000,
0.0000

232.6085,

 0.0339, 0.0000,

175.4576, 148.0105

0.0000

280.1652,
215.8330, 185.3244

■ 0.0000, 0.0000,
0.0000

■ 39.1679, 21.8899,
13.9652

■ 39.1679, 21.8899,
13.9652

■ 37.5455, 19.8778,
9.6254

■ 41.5308, 25.0737,
19.5077

■ 36.5562, 18.8425,
6.3873


■ 44.7152, 29.5712,
26.3378


■ 36.3632, 18.6574,
5.7039

■ 48.7924, 35.5081,
34.5335


■ 53.8256, 42.9942,
44.1659

■ 59.8719, 52.1287,
55.3009

 66.9840, 63.0024,
68.0003

 75.2106, 75.6995,
82.3223

 84.5977, 90.2988,
98.3222

 89.4064, 97.0906,
108.6359

Harmonies

Analogous

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



39.2813, 21.8899, 36.4484



39.1679, 21.8899, 13.9652



33.3796, 21.8899, 4.3034

Triad

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



39.1679, 21.8899, 13.9652



11.7287, 21.8899, 4.4919



17.2345, 21.8899, 95.7845

Complementary

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



39.1679, 21.8899, 13.9652



42.1276, 66.4130, 61.6456

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.



11.8678, 21.8899, 70.4006



39.1679, 21.8899, 13.9652



9.2799, 21.8899, 14.5289

Square

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



39.1679, 21.8899, 13.9652



16.9910, 21.8899, 1.6802



9.3234, 21.8899, 37.5131



25.1525, 21.8899, 95.2475

Rectangle

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



39.1679, 21.8899, 13.9652



27.7596, 21.8899, 2.1073



9.3234, 21.8899, 37.5131



15.1224, 21.8899, 89.5323

Sweetspot

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



39.1684, 21.8912, 13.9655



72.7684, 65.5817, 70.1971



38.8292, 20.1767, 83.5089



14.9605, 13.0997, 13.9192



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.



39.1684, 21.8912, 13.9655



42.7418, 22.2029, 8.7835



40.8449, 27.7816, 6.7015



15.9304, 15.8219, 17.1897



20.1384, 10.3278, 3.3794



1.7133, 0.8744, 0.4813

Inverse Universe

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



39.1684, 21.8912, 13.9655



42.7418, 22.2029, 8.7835



36.1175, 45.0476, 88.4524



15.9304, 15.8219, 17.1897



20.1384, 10.3278, 3.3794



1.7133, 0.8744, 0.4813

Previews

White Background



This preview shows how the XYZ color 39.1679, 21.8899, 13.9652 looks on a white background.

Color Contrast Check

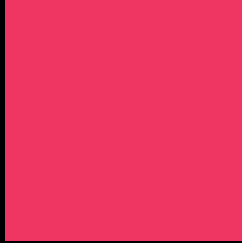
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.1679, 21.8899, 13.9652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

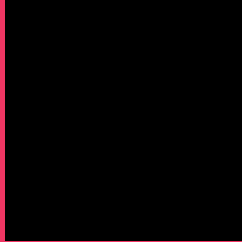
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.1679, 21.8899, 13.9652

Background



This preview shows how black text looks on a background with the XYZ color 39.1679, 21.8899, 13.9652.



This preview shows how white text looks on a background with the XYZ color 39.1679, 21.8899,

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

39.1679, 21.8899, 13.9652

Protanopia

21.3593, 22.1676, 25.7073

Deuteranopia

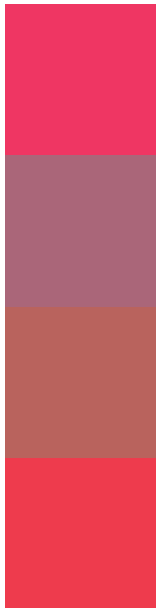
22.3795, 22.0235, 12.7443



Tritanopia

37.5731, 21.8199, 7.0818

Trichromacy



Original Color

39.1679, 21.8899, 13.9652

Protanomaly

24.7801, 19.4293, 20.5333

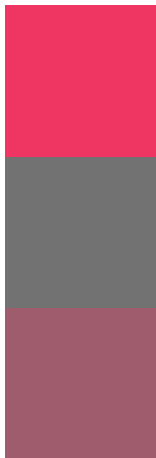
Deuteranomaly

26.4452, 20.0283, 12.8280

Tritanomaly

38.1634, 21.8409, 9.2255

Monochromacy



Original Color

39.1679, 21.8899, 13.9652

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

20.8855, 16.1293, 16.4805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1679, 21.8899, 13.9652 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, 54, 99)` looks like.

```
.text, #text, p{  
  color:rgb(239, 54, 99)  
}
```

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, 54, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 54, 99) }
```

Border

The CSS property to change the border of an element to XYZ 39.1679, 21.8899, 13.9652 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, 54, 99) }
```


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

```
.border{ border-color:rgb(239, 54, 99) }
```

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

Here you see how a box with a 4 pixel rgb(239, 54, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 54, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 54, 99);  
box-shadow:4px 4px 4px 4px rgb(239, 54,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1679, 21.8899, 13.9652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 54, 99) }
```

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

```
.background{ background-color: rgb(239, 54,  
99) }
```

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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