

Converting Colors

XYZ(39.8493, 21.9213, 31.5892)

Have a look what the booklet for
XYZ(39.8493, 21.9213, 31.5892)
contains.

XYZ(39.9071, 21.9557, 31.4127)	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(39.9071, 21.9557,
31.4127)**

Conversions

Conversions Part 1

Format	Color
Hex	E73797
RGB	231, 55, 151
RGB Percent	91%, 22%, 59%
CMY	0.0941, 0.7843, 0.4078
CMYK	0.00, 0.76, 0.35, 0.09
HSL	327°, 79%, 56%
HSV	327°, 76%, 91%
XYZ	39.9071, 21.9557, 31.4127
YIQ	118.5680, 74.0800, 67.1680

Conversions

Conversions Part 2

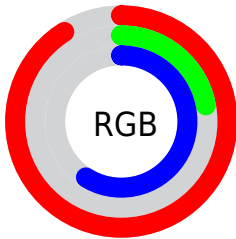
Format	Color
R _Y B	231, 55, 151
Decimal	15153047
CIE Lab	53.98, 72.77, -11.50
CIE LCh	54, 73.669, 351.021
Yxy	21.9557, 0.4278, 0.2354
Android (android.graphics.Color)	4293343127 (0xFFE73797)
YUV	118.5680, 15.9890, 98.6029
Hunter-Lab	46.8569, 70.0253, -6.9480

Details

The XYZ color **39.9071, 21.9557, 31.4127** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **34.5262, 59.7140, 32.6325**, and the grayscale version is **17.3350, 18.2377, 19.8609**.

A 20% lighter version of the original color is **58.7379, 38.6246, 62.1171**, and **18.8778, 9.4661, 12.8888** is the 20% darker color. If you saturate the color by 10%, you get **38.2397, 19.9255, 26.8351**, and if you desaturate by 10%, it is **42.1647, 25.0447, 36.5622**.

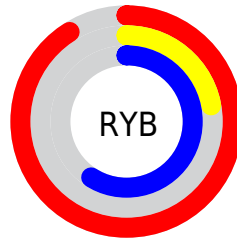
Distribution



Red (91%)

Green (22%)

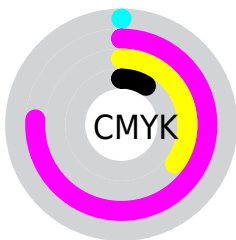
Blue (59%)



Red (91%)

Yellow (22%)

Blue (59%)

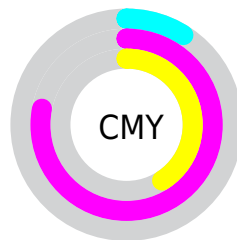


Cyan (0%)

Magenta (76%)

Yellow (35%)

Black (9%)



Cyan (9%)


Magenta (78%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9071, 21.9557, 31.4127 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 39.9071, 21.9557, 31.4127 by changing the saturation by 10% instead.


 39.9071, 21.9557,
31.4127


 39.9071, 21.9557,
31.4127


336.8730,
262.3148, 322.8450

 27.6500, 13.8244,
20.6522


 74.3073, 46.6728,
62.9764


 18.2011, 7.9986,
12.6813


 97.1811, 64.0273,
84.6167


 11.1950, 4.0941,
7.0813


 124.3244, 85.2250,
110.7207

 6.2664, 1.7263,
3.4338

 156.1028,
110.6502, 141.7070

 3.0499, 0.4406,
1.3202

 192.8815,
140.6874, 177.9940

 1.1802, 0.0000,
0.0782

235.0258,

 0.0907, 0.0000,

175.7210, 220.0003

0.0000

282.9012,
216.1354, 268.1445

■ 0.0000, 0.0000,
0.0000

■ 39.9071, 21.9557,
31.4127

■ 39.9071, 21.9557,
31.4127

■ 38.2397, 19.9255,
26.8351

■ 42.1647, 25.0447,
36.5622

■ 37.0799, 18.7919,
22.7916

■ 45.0759, 29.3163,
42.3135

■ 36.7204, 18.4951,
21.3708

■ 48.6975, 34.8810,
48.6948

■ 53.0790, 41.8354,
55.7315

■ 58.2657, 50.2669,
63.4469

64.2989, 60.2556,
71.8630

71.2171, 71.8760,
81.0008

79.0563, 85.1975,
90.8799

85.2739, 95.1325,
100.6604

Harmonies

Analogous

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



35.1537, 21.9557, 63.3854



39.9071, 21.9557, 31.4127



38.6418, 21.9557, 11.3877

Triad

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



39.9071, 21.9557, 31.4127



15.8501, 21.9557, 1.9014



12.6522, 21.9557, 76.6601

Complementary

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



39.9071, 21.9557, 31.4127



34.5262, 59.7140, 32.6325

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.



9.6023, 21.9557, 43.3047



39.9071, 21.9557, 31.4127



11.0961, 21.9557, 5.5858

Square

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



39.9071, 21.9557, 31.4127



23.3468, 21.9557, 1.4948



9.1160, 21.9557, 17.7020



18.5716, 21.9557, 98.4881

Rectangle

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



39.9071, 21.9557, 31.4127



34.6604, 21.9557, 5.1446



9.1160, 21.9557, 17.7020



11.3274, 21.9557, 65.7021

Sweetspot

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



39.9077, 21.9569, 31.4131



75.1097, 66.5182, 82.5264



25.6552, 13.5885, 76.8720



15.5211, 13.3239, 16.8712



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.



39.9077, 21.9569, 31.4131



47.0115, 24.0572, 30.8158



35.2419, 20.0905, 6.8429



14.7042, 14.4989, 16.6427



20.6495, 10.3940, 12.3149



1.5727, 0.7868, 1.1561

Inverse Universe

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



39.9077, 21.9569, 31.4131



47.0115, 24.0572, 30.8158



43.3639, 63.2491, 79.1711



14.7042, 14.4989, 16.6427



20.6495, 10.3940, 12.3149



1.5727, 0.7868, 1.1561

Previews

White Background



This preview shows how the XYZ color 39.9071, 21.9557, 31.4127 looks on a white background.

Color Contrast Check

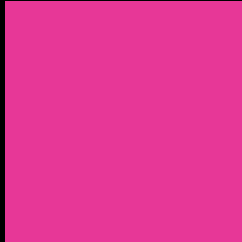
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.9071, 21.9557, 31.4127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

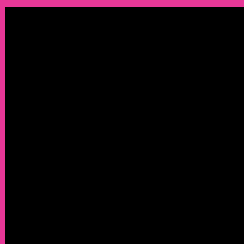
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.9071, 21.9557, 31.4127

Background



This preview shows how black text looks on a background with the XYZ color 39.9071, 21.9557, 31.4127.



This preview shows how white text looks on a background with the XYZ color 39.9071, 21.9557,

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

39.9071, 21.9557, 31.4127

Protanopia

23.6082, 22.2324, 57.6906

Deuteranopia

22.4967, 22.1089, 28.6729



Tritanopia

35.3964, 21.9168, 9.9542

Trichromacy



Original Color

39.9071, 21.9557, 31.4127



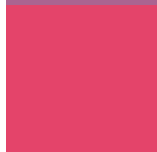
Protanomaly

25.6749, 19.1688, 46.6027



Deuteranomaly

26.4626, 19.8166, 29.2183



Tritanomaly

36.6635, 21.6688, 15.8858

Monochromacy



Original Color

39.9071, 21.9557, 31.4127



Achromatopsia

17.5343, 18.4475, 20.0893



Achromatomaly

22.7768, 17.4780, 23.6459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9071, 21.9557, 31.4127 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, 55, 151)` looks like.

```
.text, #text, p{  
  color:rgb(231, 55, 151)  
}
```

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, 55, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 55, 151) }
```

Border

The CSS property to change the border of an element to XYZ 39.9071, 21.9557, 31.4127 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, 55, 151) }
```


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

```
.border{ border-color:rgb(231, 55, 151) }
```

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

Here you see how a box with a 4 pixel rgb(231, 55, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 55, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 55, 151);  
box-shadow:4px 4px 4px 4px rgb(231, 55,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9071, 21.9557, 31.4127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 55, 151) }
```

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

```
.background{ background-color: rgb(231, 55,  
151) }
```

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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