

Converting Colors

XYZ(39.9108, 21.6169, 17.9885)

Have a look what the booklet for
XYZ(39.9108, 21.6169, 17.9885)
contains.

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Color

**XYZ(39.9108, 21.6169,
17.9885)**

Conversions

Conversions Part 1

Format	Color
Hex	F02D72
RGB	240, 45, 114
RGB Percent	94%, 18%, 45%
CMY	0.0588, 0.8235, 0.5529
CMYK	0.00, 0.81, 0.52, 0.06
HSL	339°, 87%, 56%
HSV	339°, 81%, 94%
XYZ	39.9108, 21.6169, 17.9885
YIQ	111.1710, 94.0710, 62.7990

Conversions

Conversions Part 2

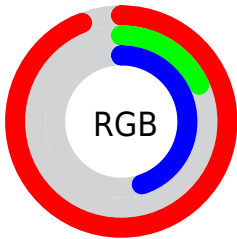
Format	Color
R_{YB}	240, 45, 114
Decimal	15740274
CIE _{Lab}	53.62, 74.34, 10.29
CIE _{LCh}	54, 75.046, 7.880
Yxy	21.6169, 0.5019, 0.2719
Android (android.graphics.Color)	4293930354 (0xFFFF02D72)
YUV	111.1710, 1.3947, 112.9830
Hunter-Lab	46.4940, 71.8614, 9.6065

Details

The XYZ color **39.9108, 21.6169, 17.9885** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **39.5951, 65.8191, 49.1537**, and the grayscale version is **15.1382, 15.9266, 17.3441**.

A 20% lighter version of the original color is **53.9171, 35.6015, 40.1064**, and **19.1446, 9.7524, 6.1836** is the 20% darker color. If you saturate the color by 10%, you get **38.4314, 19.9533, 13.5031**, and if you desaturate by 10%, it is **42.0606, 24.3821, 23.4362**.

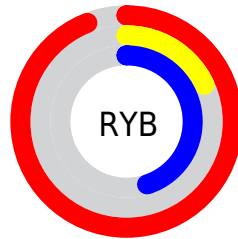
Distribution



Red (94%)

Green (18%)

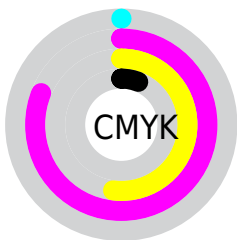
Blue (45%)



Red (94%)

Yellow (18%)

Blue (45%)

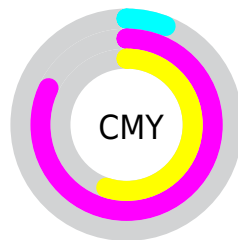


Cyan (0%)

Magenta (81%)

Yellow (52%)

Black (6%)



Cyan (6%)


Magenta (82%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9108, 21.6169, 17.9885 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 39.9108, 21.6169, 17.9885 by changing the saturation by 10% instead.


 39.9108, 21.6169,
17.9885


 39.9108, 21.6169,
17.9885


336.8883,
260.5391, 253.0402


 27.6529, 13.5757,
10.7724


 74.3129, 46.1120,
40.8314


 18.2033, 7.8261,
5.8017


 97.1878, 63.3347,
57.2953


 11.1966, 3.9839,
2.6581


 124.3323, 84.3866,
77.6788

 6.2675, 1.6646,
0.9222

 156.1120,
109.6522, 102.4005

 3.0506, 0.4006,
0.0000

 192.8921,
139.5158, 131.8790

 1.1806, 0.0000,
0.0000

235.0379,

 0.0910, 0.0000,

174.3619, 166.5327

0.0000

282.9149,
214.5749, 206.7802

■ 0.0000, 0.0000,
0.0000

■ 39.9108, 21.6169,
17.9885

■ 39.9108, 21.6169,
17.9885

■ 38.4314, 19.9533,
13.5031

■ 42.0606, 24.3821,
23.4362


■ 37.5712, 19.1796,
10.2974

■ 44.9631, 28.4017,
29.9077


■ 48.6897, 33.8082,
37.4594


■ 53.3024, 40.7159,
46.1426

■ 58.8573, 49.2271,
56.0050

 65.4053, 59.4352,
67.0910

 72.9939, 71.4262,
79.4430

 81.6672, 85.2805,
93.1008

 89.5174, 97.1741,
107.4529

Harmonies

Analogous

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



38.3908, 21.6169, 44.3816



39.9108, 21.6169, 17.9885



35.2731, 21.6169, 5.5046

Triad

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



39.9108, 21.6169, 17.9885



12.4602, 21.6169, 3.0586



15.2712, 21.6169, 92.6974

Complementary

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



39.9108, 21.6169, 17.9885



39.5951, 65.8191, 49.1537

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.



10.6228, 21.6169, 62.3821



39.9108, 21.6169, 17.9885



9.3187, 21.6169, 10.5199

Square

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



39.9108, 21.6169, 17.9885



18.5044, 21.6169, 1.2985



8.7470, 21.6169, 30.1234



22.7329, 21.6169, 99.9423

Rectangle

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



39.9108, 21.6169, 17.9885



29.8805, 21.6169, 2.4512



8.7470, 21.6169, 30.1234



13.3916, 21.6169, 84.2211

Sweetspot

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



39.9114, 21.6182, 17.9888



72.8112, 64.6842, 73.2427



32.9235, 16.5498, 83.8969



15.0064, 12.9432, 14.6995



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.



39.9114, 21.6182, 17.9888



43.3959, 22.2552, 12.8732



38.6632, 23.2231, 4.9291



16.0038, 15.8512, 17.5761



20.6243, 10.5222, 5.9383



1.7614, 0.8936, 0.7344

Inverse Universe

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



39.9114, 21.6182, 17.9888



43.3959, 22.2552, 12.8732



40.8581, 54.9436, 90.8895



16.0038, 15.8512, 17.5761



20.6243, 10.5222, 5.9383



1.7614, 0.8936, 0.7344

Previews

White Background



This preview shows how the XYZ color 39.9108, 21.6169, 17.9885 looks on a white background.

Color Contrast Check

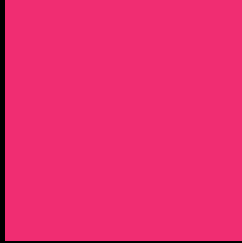
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.9108, 21.6169, 17.9885 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 39.9108, 21.6169, 17.9885

Background



This preview shows how black text looks on a background with the XYZ color 39.9108, 21.6169, 17.9885.



This preview shows how white text looks on a background with the XYZ color 39.9108, 21.6169,

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

39.9108, 21.6169, 17.9885

Protanopia

21.7012, 21.7506, 34.9528

Deuteranopia

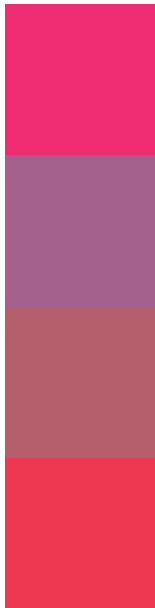
22.1519, 21.8248, 16.4097



Tritanopia

37.4104, 21.5840, 6.7518

Trichromacy



Original Color

39.9108, 21.6169, 17.9885

Protanomaly

24.5995, 18.4718, 27.4682

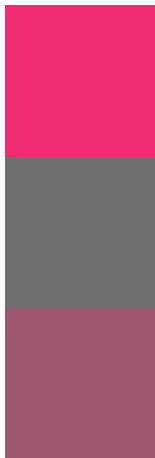
Deuteranomaly

26.0904, 19.2122, 16.5206

Tritanomaly

38.1113, 21.5036, 9.9265

Monochromacy



Original Color

39.9108, 21.6169, 17.9885

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

20.4334, 15.2553, 17.1969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9108, 21.6169, 17.9885 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(240, 45, 114)` looks like.

```
.text, #text, p{  
    color:rgb(240, 45, 114)  
}
```

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(240, 45, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 45, 114) }
```

Border

The CSS property to change the border of an element to XYZ 39.9108, 21.6169, 17.9885 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(240, 45, 114) }
```


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

```
.border{ border-color:rgb(240, 45, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 45, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 45, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 45, 114);  
box-shadow:4px 4px 4px 4px rgb(240, 45,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9108, 21.6169, 17.9885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 45, 114) }
```

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

```
.background{ background-color: rgb(240, 45,  
114) }
```

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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