

Converting Colors

XYZ(41.0351, 22.8698, 16.4389)

Have a look what the booklet for
XYZ(41.0351, 22.8698, 16.4389)
contains.

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Color

**XYZ(41.0351, 22.8698,
16.4389)**

Conversions

Conversions Part 1

Format	Color
Hex	F3376C
RGB	243, 55, 108
RGB Percent	95%, 22%, 42%
CMY	0.0471, 0.7843, 0.5765
CMYK	0.00, 0.77, 0.56, 0.05
HSL	343°, 89%, 58%
HSV	343°, 77%, 95%
XYZ	41.0351, 22.8698, 16.4389
YIQ	117.2540, 95.0350, 56.3390

Conversions

Conversions Part 2

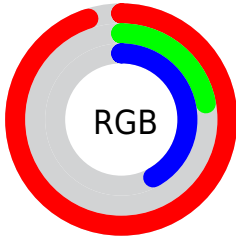
Format	Color
R_{YB}	243, 55, 108
Decimal	15939436
CIE _{Lab}	54.94, 72.13, 15.81
CIE _{LCh}	55, 73.844, 12.363
Yxy	22.8698, 0.5107, 0.2846
Android (android.graphics.Color)	4294129516 (0xFFFF3376C)
YUV	117.2540, -4.5622, 110.2792
Hunter-Lab	47.8224, 69.4769, 13.0948

Details

The XYZ color **41.0351, 22.8698, 16.4389** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **42.9226, 68.6318, 59.7084**, and the grayscale version is **16.9824, 17.8668, 19.4569**.

A 20% lighter version of the original color is **54.0948, 36.9569, 37.0832**, and **19.6647, 10.0402, 5.3164** is the 20% darker color. If you saturate the color by 10%, you get **39.3135, 20.7673, 11.7324**, and if you desaturate by 10%, it is **43.5113, 26.1844, 22.3143**.

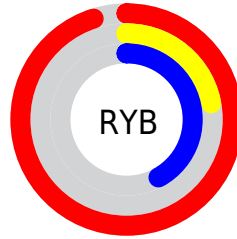
Distribution



Red (95%)

Green (22%)

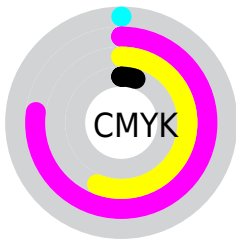
Blue (42%)



Red (95%)

Yellow (22%)

Blue (42%)

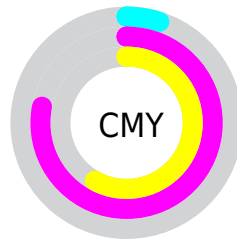


Cyan (0%)

Magenta (77%)

Yellow (56%)

Black (5%)



Cyan (5%)


Magenta (78%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0351, 22.8698, 16.4389 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 41.0351, 22.8698, 16.4389 by changing the saturation by 10% instead.


 41.0351, 22.8698,
16.4389


 41.0351, 22.8698,
16.4389


341.5274,
267.0556, 243.8513


 28.5343, 14.4974,
9.6776


 76.0115, 48.1795,
38.1358

 18.8713, 8.4674,
5.0829


 99.2179, 65.8855,
53.9085

 11.6808, 4.3955,
2.2364


 126.7235, 87.4715,
73.5220

 6.5974, 1.8971,
0.6953

 158.8937,
113.3220, 97.3949

 3.2557, 0.5467,
0.0000

 196.0938,
143.8212, 125.9458

 1.2904, 0.0000,
0.0000

238.6892,

 0.1760, 0.0000,

179.3536, 159.5931

0.0000

287.0453,
220.3036, 198.7554

■ 0.0000, 0.0000,
0.0000

■ 41.0351, 22.8698,
16.4389

■ 41.0351, 22.8698,
16.4389

■ 39.3135, 20.7673,
11.7324

■ 43.5113, 26.1844,
22.3143

■ 38.2375, 19.6762,
8.1031

■ 46.8241, 30.8581,
29.4360

■ 38.0204, 19.4780,
7.3036

■ 51.0461, 37.0212,
37.8751

■ 56.2413, 44.7874,
47.6967

■ 62.4676, 54.2593,
58.9613

69.7783, 65.5308,
71.7257

78.2231, 78.6891,
86.0434

87.8483, 93.8156,
101.9654

90.7719, 97.7946,
108.6998

Harmonies

Analogous

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



40.4649, 22.8698, 41.2191



41.0351, 22.8698, 16.4389



35.5737, 22.8698, 5.1970

Triad

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



41.0351, 22.8698, 16.4389



12.7583, 22.8698, 4.2314



17.3061, 22.8698, 97.3601

Complementary

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



41.0351, 22.8698, 16.4389



42.9226, 68.6318, 59.7084

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.



12.0534, 22.8698, 69.3344



41.0351, 22.8698, 16.4389



9.9178, 22.8698, 13.5832

Square

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



41.0351, 22.8698, 16.4389



18.5365, 22.8698, 1.7192



9.6971, 22.8698, 35.8605



25.2864, 22.8698, 100.0502

Rectangle

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



41.0351, 22.8698, 16.4389



29.8913, 22.8698, 2.5057



9.6971, 22.8698, 35.8605



15.2196, 22.8698, 90.0415

Sweetspot

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



41.0357, 22.8711, 16.4393



73.0541, 65.6960, 71.7019



38.7141, 20.1182, 86.6363



15.0284, 13.1268, 14.2763



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.



41.0357, 22.8711, 16.4393



43.0814, 22.3388, 10.5717



41.8116, 27.6499, 6.7496



16.6911, 16.5593, 18.1200



20.9166, 10.7101, 4.2692



1.8805, 0.9582, 0.5971

Inverse Universe

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



41.0357, 22.8711, 16.4393



43.0814, 22.3388, 10.5717



38.9378, 49.6514, 92.3250



16.6911, 16.5593, 18.1200



20.9166, 10.7101, 4.2692



1.8805, 0.9582, 0.5971

Previews

White Background



This preview shows how the XYZ color 41.0351, 22.8698, 16.4389 looks on a white background.

Color Contrast Check

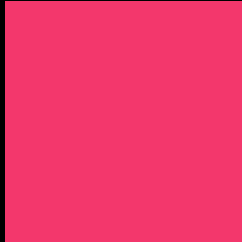
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.0351, 22.8698, 16.4389 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 41.0351, 22.8698, 16.4389

Background



This preview shows how black text looks on a background with the XYZ color 41.0351, 22.8698, 16.4389.



This preview shows how white text looks on a background with the XYZ color 41.0351, 22.8698,

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

41.0351, 22.8698, 16.4389

Protanopia

22.5105, 23.0537, 30.4575

Deuteranopia

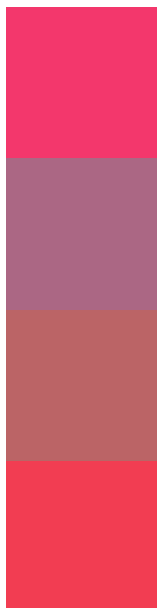
23.2306, 22.7911, 14.9791



Tritanopia

39.1790, 22.8866, 7.6628

Trichromacy



Original Color

41.0351, 22.8698, 16.4389

Protanomaly

25.8097, 20.0244, 24.3346

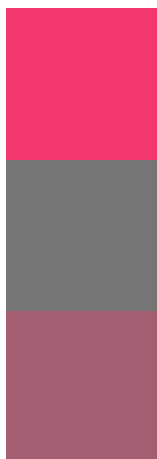
Deuteranomaly

27.4490, 20.6384, 15.1073

Tritanomaly

39.8097, 22.8239, 10.2899

Monochromacy



Original Color

41.0351, 22.8698, 16.4389

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

22.1442, 17.0068, 18.0351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0351, 22.8698, 16.4389 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(243, 55, 108)` looks like.

```
.text, #text, p{  
    color:rgb(243, 55, 108)  
}
```

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(243, 55, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 55, 108) }
```

Border

The CSS property to change the border of an element to XYZ 41.0351, 22.8698, 16.4389 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(243, 55, 108) }
```


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

```
.border{ border-color:rgb(243, 55, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 55, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 55, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 55, 108);  
box-shadow:4px 4px 4px 4px rgb(243, 55,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0351, 22.8698, 16.4389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 55, 108) }
```

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

```
.background{ background-color: rgb(243, 55,  
108) }
```

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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