

Converting Colors

XYZ(41.1875, 23.4544, 15.1689)

Have a look what the booklet for
XYZ(41.1875, 23.4544, 15.1689)
contains.

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Color

**XYZ(41.0791, 23.3714,
15.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	F33D67
RGB	243, 61, 103
RGB Percent	95%, 24%, 40%
CMY	0.0471, 0.7607, 0.5961
CMYK	0.00, 0.75, 0.58, 0.05
HSL	346°, 88%, 60%
HSV	346°, 75%, 95%
XYZ	41.0791, 23.3714, 15.1780
YIQ	120.2060, 94.9900, 51.6460

Conversions

Conversions Part 2

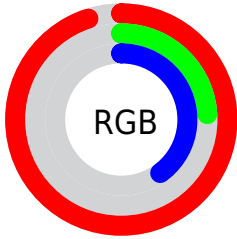
Format	Color
R_{YB}	243, 61, 103
Decimal	15940967
CIE _{Lab}	55.45, 70.05, 19.49
CIE _{LCh}	55, 72.710, 15.552
Yxy	23.3714, 0.5159, 0.2935
Android (android.graphics.Color)	4294131047 (0xFFFF33D67)
YUV	120.2060, -8.4826, 107.6903
Hunter-Lab	48.3440, 67.0740, 15.2262

Details

The XYZ color **41.0791, 23.3714, 15.1780** 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 **44.5198, 69.3111, 66.2976**, and the grayscale version is **17.9252, 18.8587, 20.5371**.

A 20% lighter version of the original color is **54.1557, 37.7590, 35.0057**, and **19.5609, 9.9987, 4.7699** is the 20% darker color. If you saturate the color by 10%, you get **39.2270, 21.0049, 10.4375**, and if you desaturate by 10%, it is **43.7291, 26.9986, 21.2196**.

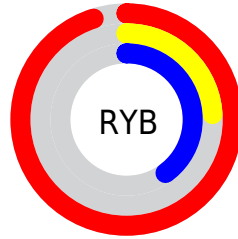
Distribution



Red (95%)

Green (24%)

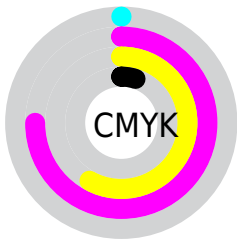
Blue (40%)



Red (95%)

Yellow (24%)

Blue (40%)

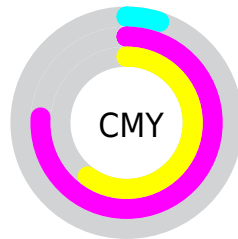


Cyan (0%)

Magenta (75%)

Yellow (58%)

Black (5%)



Cyan (5%)


Magenta (76%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0791, 23.3714, 15.1780 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 41.0791, 23.3714, 15.1780 by changing the saturation by 10% instead.

 41.0791, 23.3714,
15.1780


 41.0791, 23.3714,
15.1780


341.7080,
269.6269, 236.1189


 28.5688, 14.8680,
8.7964


 76.0779, 49.0024,
35.9119


 18.8975, 8.7268,
4.5136


 99.2972, 66.8989,
51.1012


 11.6998, 4.5634,
1.9111


 126.8168, 88.6951,
70.0635

 6.6104, 1.9935,
0.4998

 159.0022,
114.7755, 93.2174

 3.2638, 0.6037,
0.0000

 196.2186,
145.5245, 120.9813

 1.2948, 0.0000,
0.0000

238.8315,

 0.1793, 0.0000,

181.3264, 153.7738

0.0000

287.2062,
222.5658, 192.0135

■ 0.0000, 0.0000,
0.0000

■ 41.0791, 23.3714,
15.1780

■ 41.0791, 23.3714,
15.1780

■ 39.2270, 21.0049,
10.4375

■ 43.7291, 26.9986,
21.2196

■ 38.0706, 19.7165,
6.8938


■ 47.2585, 32.0280,
28.6523


■ 37.6774, 19.3408,
5.4970


■ 51.7401, 38.5867,
37.5588


■ 57.2385, 46.7863,
48.0148

■ 63.8124, 56.7278,
60.0906

 71.5160, 68.5041,
73.8522

 80.3999, 82.2017,
89.3618

 90.3798, 97.6377,
106.6344

 90.7720, 97.7946,
108.6998

Harmonies

Analogous

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



41.1973, 23.3714, 38.4264



41.0791, 23.3714, 15.1780



35.1526, 23.3714, 4.9309

Triad

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



41.0791, 23.3714, 15.1780



12.7690, 23.3714, 5.1392



18.5151, 23.3714, 98.7680

Complementary

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



41.0791, 23.3714, 15.1780



44.5198, 69.3111, 66.2976

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.



12.9177, 23.3714, 73.0689



41.0791, 23.3714, 15.1780



10.1962, 23.3714, 15.7796

Square

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



41.0791, 23.3714, 15.1780



18.2571, 23.3714, 2.0432



10.2429, 23.3714, 39.5400



26.7045, 23.3714, 98.2145

Rectangle

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



41.0791, 23.3714, 15.1780



29.3821, 23.3714, 2.5212



10.2429, 23.3714, 39.5400



16.3180, 23.3714, 92.4493

Sweetspot

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



41.0797, 23.3728, 15.1784



73.5043, 66.8064, 71.2046



41.8099, 22.1632, 86.8681



15.2591, 13.5776, 14.3864



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.



41.0797, 23.3728, 15.1784



42.9898, 22.5334, 9.3762



43.3314, 30.4451, 8.0094



16.6557, 16.5451, 17.9337



20.7213, 10.6319, 3.2406



1.8591, 0.9496, 0.4843

Inverse Universe

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



41.0797, 23.3728, 15.1784



42.9898, 22.5334, 9.3762



37.4994, 46.2566, 91.7458



16.6557, 16.5451, 17.9337



20.7213, 10.6319, 3.2406



1.8591, 0.9496, 0.4843

Previews

White Background



This preview shows how the XYZ color 41.0791, 23.3714, 15.1780 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 41.0791, 23.3714, 15.1780 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 41.0791, 23.3714, 15.1780

Background



This preview shows how black text looks on a background with the XYZ color 41.0791, 23.3714, 15.1780.

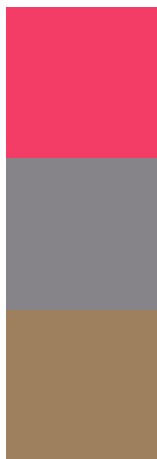


This preview shows how white text looks on a background with the XYZ color 41.0791, 23.3714,

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

41.0791, 23.3714, 15.1780

Protanopia

22.5981, 23.3770, 26.9881

Deuteranopia

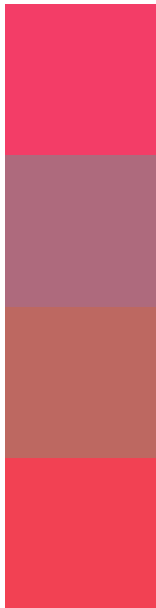
23.8401, 23.5156, 13.8721



Tritanopia

39.8224, 23.4664, 8.3918

Trichromacy



Original Color

41.0791, 23.3714, 15.1780

Protanomaly

26.3113, 20.7874, 22.0277

Deuteranomaly

28.0942, 21.5825, 13.9944

Tritanomaly

40.0696, 23.2824, 10.5657

Monochromacy



Original Color

41.0791, 23.3714, 15.1780

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

23.0162, 18.1379, 18.2075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0791, 23.3714, 15.1780 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, 61, 103)` looks like.

```
.text, #text, p{  
    color:rgb(243, 61, 103)  
}
```

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, 61, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 61, 103) }
```

Border

The CSS property to change the border of an element to XYZ 41.0791, 23.3714, 15.1780 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, 61, 103) }
```


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

```
.border{ border-color:rgb(243, 61, 103) }
```

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

Here you see how a box with a 4 pixel rgb(243, 61, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 61, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 61, 103);  
box-shadow:4px 4px 4px 4px rgb(243, 61,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0791, 23.3714, 15.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 61, 103) }
```

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

```
.background{ background-color: rgb(243, 61,  
103) }
```

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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