

# Converting Colors

XYZ(41.1103, 24.4331, 14.9361)

Have a look what the booklet for  
XYZ(41.1103, 24.4331, 14.9361)  
contains.

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# Color

**XYZ(41.0071, 24.4054,  
14.8613)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F14965
RGB	241, 73, 101
RGB Percent	95%, 29%, 40%
CMY	0.0549, 0.7137, 0.6039
CMYK	0.00, 0.70, 0.58, 0.05
HSL	350°, 86%, 62%
HSV	350°, 70%, 95%
XYZ	41.0071, 24.4054, 14.8613
YIQ	126.4240, 91.1400, 44.3240

# Conversions

## Conversions Part 2

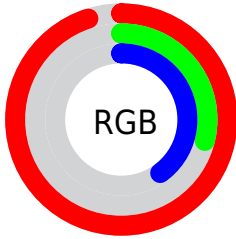
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	241, 73, 101
Decimal	15812965
CIE <sub>Lab</sub>	56.49, 65.35, 22.01
CIE <sub>LCh</sub>	56, 68.957, 18.614
Yxy	24.4054, 0.5108, 0.3040
Android (android.graphics.Color)	4294003045 (0xFFFF14965)
YUV	126.4240, -12.5340, 100.4832
Hunter-Lab	49.4018, 61.7148, 16.7454

# Details

The XYZ color **41.0071, 24.4054, 14.8613** 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 **46.2151, 69.1318, 73.8654**, and the grayscale version is **19.9967, 21.0380, 22.9104**.

A 20% lighter version of the original color is **55.1588, 40.0295, 34.5250**, and **19.0497, 9.7408, 4.4906** is the 20% darker color. If you saturate the color by 10%, you get **38.8521, 21.4827, 9.8669**, and if you desaturate by 10%, it is **44.0168, 28.6531, 21.3272**.

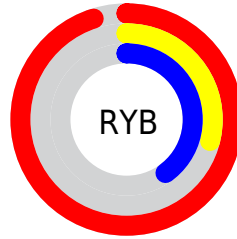
# Distribution



Red (95%)

Green (29%)

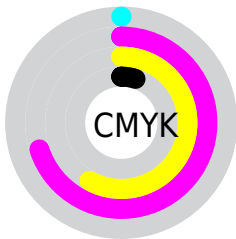
Blue (40%)



Red (95%)

Yellow (29%)

Blue (40%)

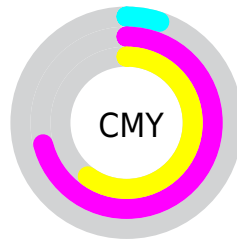


Cyan (0%)

Magenta (70%)

Yellow (58%)

Black (5%)



Cyan (5%)

Magenta (71%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0071, 24.4054, 14.8613 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 41.0071, 24.4054, 14.8613 by changing the saturation by 10% instead.





 41.0071, 24.4054,  
14.8613


 41.0071, 24.4054,  
14.8613

341.4124,  
274.8637, 234.1370


 28.5123, 15.6346,  
8.5766


 75.9693, 50.6910,  
35.3485

 18.8546, 9.2660,  
4.3730


 99.1675, 68.9745,  
50.3881


 11.6687, 4.9151,  
1.8321


 126.6641, 91.1978,  
69.1830

 6.5891, 2.1975,  
0.4490

 158.8246,  
117.7452, 92.1519

 3.2505, 0.7186,  
0.0000

 196.0143,  
149.0011, 119.7131

 1.2876, 0.0000,  
0.0000

238.5986,

 0.1739, 0.0000,

185.3498, 152.2854

0.0000

286.9429,  
227.1759, 190.2871

■ 0.0000, 0.0000,  
0.0000

■ 41.0071, 24.4054,  
14.8613

■ 41.0071, 24.4054,  
14.8613

■ 38.8521, 21.4827,  
9.8669

■ 44.0168, 28.6531,  
21.3272

■ 37.4568, 19.7230,  
6.2238

■ 47.9588, 34.3549,  
29.3689


■ 36.6790, 18.8744,  
3.7847


■ 52.9039, 41.6288,  
39.0826


■ 36.6611, 18.8549,  
3.7284

■ 58.9152, 50.5798,  
50.5561

■ 66.0510, 61.3038,  
63.8712

 74.3649, 73.8893,  
79.1044

 83.9073, 88.4191,  
96.3278

 90.0854, 97.4407,  
108.6677

# Harmonies

## Analogous

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



41.7442, 24.4054, 36.2362



41.0071, 24.4054, 14.8613



34.9034, 24.4054, 5.3489

# Triad

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



41.0071, 24.4054, 14.8613



13.4766, 24.4054, 6.8118



20.2950, 24.4054, 97.2165

# Complementary

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



41.0071, 24.4054, 14.8613



46.2151, 69.1318, 73.8654

# 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.



14.4526, 24.4054, 75.1179



41.0071, 24.4054, 14.8613



11.1634, 24.4054, 18.8019

# Square

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



41.0071, 24.4054, 14.8613



18.6317, 24.4054, 2.8866



11.4740, 24.4054, 43.2302



28.4522, 24.4054, 93.8485



# Rectangle

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



41.0071, 24.4054, 14.8613



29.2594, 24.4054, 3.0554



11.4740, 24.4054, 43.2302



18.0351, 24.4054, 92.1713

# Sweetspot

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



41.0077, 24.4068, 14.8617



73.9110, 67.9151, 70.4296



45.7013, 25.2637, 85.6863



15.3216, 13.7863, 14.1489



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.



41.0077, 24.4068, 14.8617



43.3476, 23.3607, 9.1514



45.3296, 34.8843, 10.6494



15.8802, 15.8018, 16.9255



19.9134, 10.2378, 2.1948



1.6877, 0.8641, 0.3463



# Inverse Universe

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



41.0077, 24.4068, 14.8617



43.3476, 23.3607, 9.1514



35.9752, 42.4670, 89.5195



15.8802, 15.8018, 16.9255



19.9134, 10.2378, 2.1948



1.6877, 0.8641, 0.3463



# Previews

## White Background



This preview shows how the XYZ color 41.0071, 24.4054, 14.8613 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

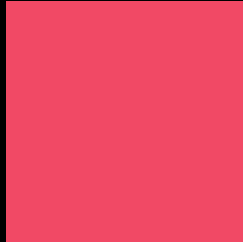
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 41.0071, 24.4054, 14.8613 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 41.0071, 24.4054, 14.8613**

## **Background**



This preview shows how black text looks on a background with the XYZ color 41.0071, 24.4054, 14.8613.



This preview shows how white text looks on a background with the XYZ color 41.0071, 24.4054,



# 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

41.0071, 24.4054, 14.8613

### Protanopia

23.5085, 24.5151, 24.6120

### Deuteranopia

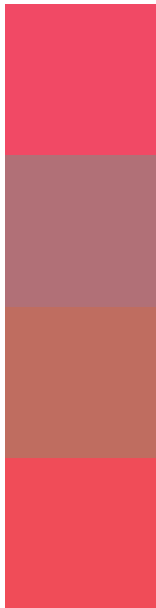
24.8587, 24.4370, 13.7625



## Tritanopia

40.0743, 24.4271, 10.3873

# Trichromacy



## Original Color

41.0071, 24.4054, 14.8613

## Protanomaly

27.2554, 22.2674, 20.3143

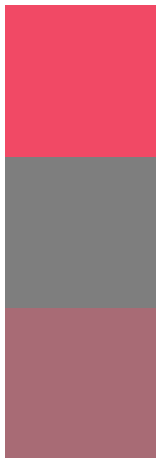
## Deuteranomaly

29.0658, 22.8582, 13.9465

## Tritanomaly

40.2811, 24.3987, 11.8189

# Monochromacy



## Original Color

41.0071, 24.4054, 14.8613

## Achromatopsia

19.8309, 20.8637, 22.7206

## Achromatomaly

24.6170, 20.1246, 19.4166

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 41.0071, 24.4054, 14.8613 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(241, 73, 101)` looks like.

```
.text, #text, p{  
    color:rgb(241, 73, 101)  
}
```

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(241, 73, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 73, 101) }
```

## Border

The CSS property to change the border of an element to XYZ 41.0071, 24.4054, 14.8613 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(241, 73, 101) }
```



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

```
.border{ border-color:rgb(241, 73, 101) }
```

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

Here you see how a box with a 4 pixel rgb(241, 73, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 73, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 73, 101);  
box-shadow:4px 4px 4px 4px rgb(241, 73,  
101) }
```

# Background

The CSS property to change the background color of an element to XYZ 41.0071, 24.4054, 14.8613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 73, 101) }
```

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

```
.background{ background-color: rgb(241, 73,  
101) }
```

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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