

Converting Colors

XYZ(42.2242, 24.8271, 15.0224)

Have a look what the booklet for
XYZ(42.2242, 24.8271, 15.0224)
contains.

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Color

**XYZ(42.3077, 24.8783,
15.1425)**

Conversions

Conversions Part 1

Format	Color
Hex	F54766
RGB	245, 71, 102
RGB Percent	96%, 28%, 40%
CMY	0.0392, 0.7215, 0.6000
CMYK	0.00, 0.71, 0.58, 0.04
HSL	349°, 90%, 62%
HSV	349°, 71%, 96%
XYZ	42.3077, 24.8783, 15.1425
YIQ	126.5600, 93.7530, 46.5290

Conversions

Conversions Part 2

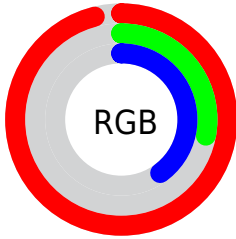
Format	Color
R_{YB}	245, 71, 102
Decimal	16074598
CIE _{Lab}	56.96, 67.30, 22.17
CIE _{LCh}	57, 70.854, 18.232
Yxy	24.8783, 0.5139, 0.3022
Android (android.graphics.Color)	4294264678 (0xFFFF54766)
YUV	126.5600, -12.1081, 103.8719
Hunter-Lab	49.8782, 64.1207, 16.9149

Details

The XYZ color **42.3077, 24.8783, 15.1425** 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 **47.3907, 71.5001, 74.9290**, and the grayscale version is **20.0414, 21.0851, 22.9616**.

A 20% lighter version of the original color is **55.1061, 39.7925, 34.9133**, and **20.0052, 10.2306, 4.6617** is the 20% darker color. If you saturate the color by 10%, you get **40.1709, 22.0138, 10.0874**, and if you desaturate by 10%, it is **45.3158, 29.0979, 21.6849**.

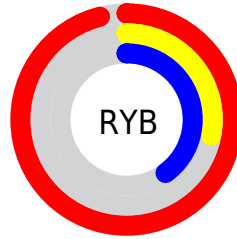
Distribution



Red (96%)

Green (28%)

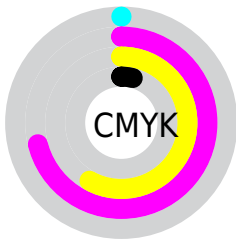
Blue (40%)



Red (96%)

Yellow (28%)

Blue (40%)

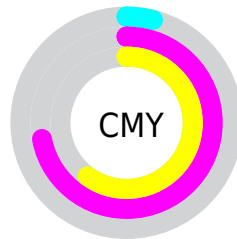


Cyan (0%)

Magenta (71%)

Yellow (58%)

Black (4%)



Cyan (4%)


Magenta (72%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3077, 24.8783, 15.1425 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 42.3077, 24.8783, 15.1425 by changing the saturation by 10% instead.


 42.3077, 24.8783,
15.1425


 42.3077, 24.8783,
15.1425


346.7269,
277.2313, 235.8975


 29.5345, 15.9864,
8.7717


 77.9274, 51.4597,
35.8488


 19.6318, 9.5145,
4.4978


 101.5045, 69.9180,
51.0214

 12.2344, 5.0783,
1.9022


 129.4136, 92.3340,
69.9651

 6.9769, 2.2933,
0.4941

 162.0201,
119.0919, 93.0983

 3.4938, 0.7701,
0.0000

 199.6893,
150.5762, 120.8396

 1.4200, 0.0000,
0.0000

242.7866,

 0.2704, 0.0000,

187.1712, 153.6075

0.0000

291.6773,
229.2615, 191.8207

■ 0.0000, 0.0000,
0.0000

■ 42.3077, 24.8783,
15.1425

■ 42.3077, 24.8783,
15.1425

■ 40.1709, 22.0138,
10.0874

■ 45.3158, 29.0979,
21.6849

■ 38.8052, 20.3315,
6.3975


■ 49.2770, 34.8095,
29.8206


■ 38.1038, 19.5915,
4.1204


■ 54.2651, 42.1376,
39.6469

■ 60.3462, 51.1928,
51.2530

■ 67.5810, 62.0758,
64.7215

 76.0253, 74.8793,
80.1301

 85.7316, 89.6902,
97.5518

 91.4660, 98.1524,
108.7323

Harmonies

Analogous

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



42.9988, 24.8783, 37.5380



42.3077, 24.8783, 15.1425



35.9709, 24.8783, 5.2818

Triad

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



42.3077, 24.8783, 15.1425



13.6160, 24.8783, 6.6065



20.5337, 24.8783, 101.1561

Complementary

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



42.3077, 24.8783, 15.1425



47.3907, 71.5001, 74.9290

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.



14.5172, 24.8783, 77.5819



42.3077, 24.8783, 15.1425



11.1963, 24.8783, 18.7837

Square

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



42.3077, 24.8783, 15.1425



18.9897, 24.8783, 2.7234



11.4821, 24.8783, 44.0817



29.0075, 24.8783, 97.9748

Rectangle

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



42.3077, 24.8783, 15.1425



30.0827, 24.8783, 2.9377



11.4821, 24.8783, 44.0817



18.2001, 24.8783, 95.7157

Sweetspot

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



42.3083, 24.8797, 15.1429



73.9880, 67.9459, 70.8352



46.2055, 25.2619, 88.8265



15.3396, 13.7935, 14.2436



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.



42.3083, 24.8797, 15.1429



43.2756, 23.1960, 9.1907



46.2684, 34.8169, 10.2450



16.6196, 16.5307, 17.7435



20.5628, 10.5686, 2.4064



1.8402, 0.9420, 0.3849

Inverse Universe

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



42.3083, 24.8797, 15.1429



43.2756, 23.1960, 9.1907



37.4733, 44.7177, 93.0421



16.6196, 16.5307, 17.7435



20.5628, 10.5686, 2.4064



1.8402, 0.9420, 0.3849

Previews

White Background



This preview shows how the XYZ color 42.3077, 24.8783, 15.1425 looks on a white background.

Color Contrast Check

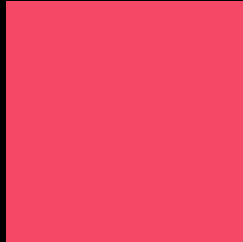
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.3077, 24.8783, 15.1425 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 42.3077, 24.8783, 15.1425

Background



This preview shows how black text looks on a background with the XYZ color 42.3077, 24.8783, 15.1425.



This preview shows how white text looks on a background with the XYZ color 42.3077, 24.8783,

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

42.3077, 24.8783, 15.1425

Protanopia

23.9535, 24.9370, 25.3806

Deuteranopia

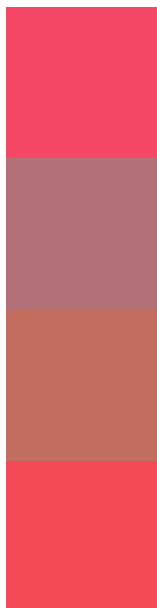
25.4019, 24.9154, 13.8263



Tritanopia

41.2356, 24.8298, 10.0164

Trichromacy



Original Color

42.3077, 24.8783, 15.1425

Protanomaly

27.8358, 22.5525, 20.9751

Deuteranomaly

29.5723, 23.1193, 13.9702

Tritanomaly

41.4773, 24.8188, 11.6212

Monochromacy



Original Color

42.3077, 24.8783, 15.1425

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

25.1053, 20.3694, 19.7480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3077, 24.8783, 15.1425 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(245, 71, 102)` looks like.

```
.text, #text, p{  
    color:rgb(245, 71, 102)  
}
```

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(245, 71, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 71, 102) }
```

Border

The CSS property to change the border of an element to XYZ 42.3077, 24.8783, 15.1425 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(245, 71, 102) }
```


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

```
.border{ border-color:rgb(245, 71, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 71, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 71, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 71, 102);  
box-shadow:4px 4px 4px 4px rgb(245, 71,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3077, 24.8783, 15.1425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 71, 102) }
```

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

```
.background{ background-color: rgb(245, 71,  
102) }
```

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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