

Converting Colors

XYZ(42.4728, 24.1580, 14.8147)

Have a look what the booklet for
XYZ(42.4728, 24.1580, 14.8147)
contains.

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Color

**XYZ(42.4294, 24.1590,
14.7388)**

Conversions

Conversions Part 1

Format	Color
Hex	F73E65
RGB	247, 62, 101
RGB Percent	97%, 24%, 40%
CMY	0.0314, 0.7568, 0.6039
CMYK	0.00, 0.75, 0.59, 0.03
HSL	347°, 92%, 61%
HSV	347°, 75%, 97%
XYZ	42.4294, 24.1590, 14.7388
YIQ	121.7610, 97.7410, 51.3490

Conversions

Conversions Part 2

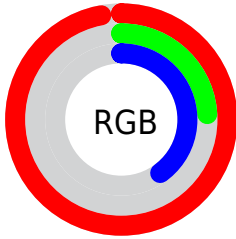
Format	Color
R_{YB}	247, 62, 101
Decimal	16203365
CIE _{Lab}	56.25, 70.72, 21.87
CIE _{LCh}	56, 74.029, 17.185
Yxy	24.1590, 0.5217, 0.2971
Android (android.graphics.Color)	4294393445 (0xFFFF73E65)
YUV	121.7610, -10.2352, 109.8346
Hunter-Lab	49.1518, 68.0712, 16.6274

Details

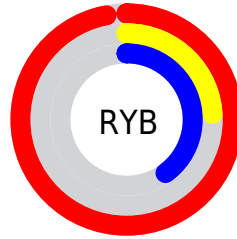
The XYZ color **42.4294, 24.1590, 14.7388** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **46.6348, 72.1005, 71.1416**, and the grayscale version is **18.4326, 19.3925, 21.1184**.

A 20% lighter version of the original color is **54.1151, 37.9423, 34.1772**, and **20.4568, 10.4662, 4.5564** is the 20% darker color. If you saturate the color by 10%, you get **40.5333, 21.7185, 9.9402**, and if you desaturate by 10%, it is **45.1630, 27.9123, 20.9344**.

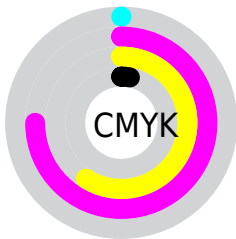
Distribution



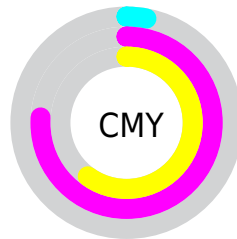
- Red (97%)
- Green (24%)
- Blue (40%)



- Red (97%)
- Yellow (24%)
- Blue (40%)



- Cyan (0%)
- Magenta (75%)
- Yellow (59%)
- Black (3%)





- Cyan (3%)
- Magenta (76%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4294, 24.1590, 14.7388 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 42.4294, 24.1590, 14.7388 by changing the saturation by 10% instead.

 42.4294, 24.1590,
14.7388

 42.4294, 24.1590,
14.7388


347.2213,
273.6233, 233.3658


 29.6302, 15.4516,
8.4917


 78.1102, 50.2895,
35.1301

 19.7048, 9.1369,
4.3189


 101.7225, 68.4815,
50.1114


 12.2876, 4.8306,
1.8019


 129.6700, 90.6037,
68.8411

 7.0135, 2.1482,
0.4292

 162.3179,
117.0407, 91.7379

 3.5169, 0.6915,
0.0000

 200.0316,
148.1767, 119.2202

 1.4327, 0.0000,
0.0000

243.1765,

 0.2793, 0.0000,

184.3962, 151.7066

0.0000

292.1180,
226.0837, 189.6156

■ 0.0000, 0.0000,
0.0000

■ 42.4294, 24.1590,
14.7388

■ 42.4294, 24.1590,
14.7388

■ 40.5333, 21.7185,
9.9402

■ 45.1630, 27.9123,
20.9344

■ 39.3665, 20.4001,
6.4219


■ 48.8201, 33.1266,
28.6277


■ 38.9787, 20.0225,
5.0658


■ 53.4778, 39.9344,
37.9108

■ 59.2044, 48.4525,
48.8679

■ 66.0618, 58.7863,
61.5770

 74.1074, 71.0329,
76.1114

 83.3946, 85.2826,
92.5399

 92.1676, 98.5141,
108.7651

Harmonies

Analogous

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



42.9180, 24.1590, 38.1389



42.4294, 24.1590, 14.7388



35.9870, 24.1590, 4.7204

Triad

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



42.4294, 24.1590, 14.7388



12.9227, 24.1590, 5.5716



19.5183, 24.1590, 103.6574

Complementary

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



42.4294, 24.1590, 14.7388



46.6348, 72.1005, 71.1416

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.



13.5341, 24.1590, 77.8864



42.4294, 24.1590, 14.7388



10.4097, 24.1590, 17.2136

Square

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



42.4294, 24.1590, 14.7388



18.4558, 24.1590, 2.1241



10.6016, 24.1590, 42.7377



28.1487, 24.1590, 101.3651

Rectangle

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



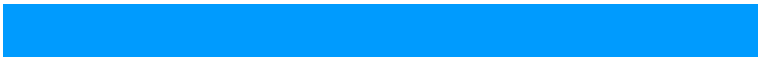
42.4294, 24.1590, 14.7388



29.9156, 24.1590, 2.4322



10.6016, 24.1590, 42.7377



17.1799, 24.1590, 97.5419

Sweetspot

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



42.4300, 24.1604, 14.7392



73.3636, 66.7501, 70.4637



44.2214, 23.4159, 90.1843



15.2264, 13.5645, 14.2142



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.



42.4300, 24.1604, 14.7392



42.8300, 22.4695, 8.5350



45.2930, 32.2531, 8.3977



16.6420, 16.5397, 17.8614



20.6562, 10.6059, 2.8981



1.8515, 0.9466, 0.4446

Inverse Universe

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



42.4300, 24.1604, 14.7392



42.8300, 22.4695, 8.5350



38.1986, 46.5853, 94.9739



16.6420, 16.5397, 17.8614



20.6562, 10.6059, 2.8981



1.8515, 0.9466, 0.4446

Previews

White Background



This preview shows how the XYZ color 42.4294, 24.1590, 14.7388 looks on a white background.

Color Contrast Check

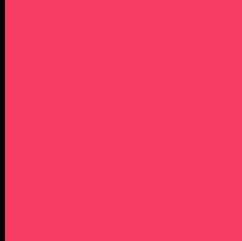
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.4294, 24.1590, 14.7388 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 42.4294, 24.1590, 14.7388

Background



This preview shows how black text looks on a background with the XYZ color 42.4294, 24.1590, 14.7388.



This preview shows how white text looks on a background with the XYZ color 42.4294, 24.1590,

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

42.4294, 24.1590, 14.7388

Protanopia

23.5184, 24.4805, 26.4073

Deuteranopia

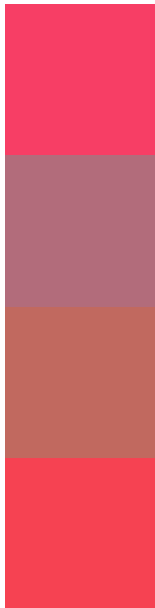
24.6823, 24.1546, 13.4866



Tritanopia

41.2105, 24.1820, 8.4568

Trichromacy



Original Color

42.4294, 24.1590, 14.7388

Protanomaly

27.2978, 21.6202, 21.4732

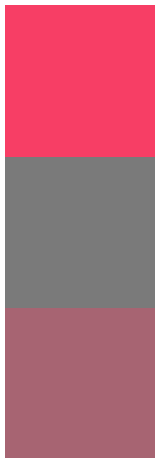
Deuteranomaly

29.1095, 22.2668, 13.5902

Tritanomaly

41.4772, 24.0985, 10.4480

Monochromacy



Original Color

42.4294, 24.1590, 14.7388

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

23.5308, 18.5447, 18.2589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4294, 24.1590, 14.7388 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(247, 62, 101)` looks like.

```
.text, #text, p{  
    color:rgb(247, 62, 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(247, 62, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 62, 101) }
```

Border

The CSS property to change the border of an element to XYZ 42.4294, 24.1590, 14.7388 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(247, 62, 101) }
```


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

```
.border{ border-color:rgb(247, 62, 101) }
```

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

Here you see how a box with a 4 pixel rgb(247, 62, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 62, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 62, 101);  
box-shadow:4px 4px 4px 4px rgb(247, 62,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4294, 24.1590, 14.7388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 62, 101) }
```

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

```
.background{ background-color: rgb(247, 62,  
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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