

Converting Colors

XYZ(42.7333, 24.1944, 16.6050)

Have a look what the booklet for
XYZ(42.7333, 24.1944, 16.6050)
contains.

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Color

**XYZ(42.7333, 24.1944,
16.6050)**

Conversions

Conversions Part 1

Format	Color
Hex	F73D6C
RGB	247, 61, 108
RGB Percent	97%, 24%, 42%
CMY	0.0314, 0.7607, 0.5765
CMYK	0.00, 0.75, 0.56, 0.03
HSL	345°, 92%, 60%
HSV	345°, 75%, 97%
XYZ	42.7333, 24.1944, 16.6050
YIQ	121.9720, 95.7690, 54.0490

Conversions

Conversions Part 2

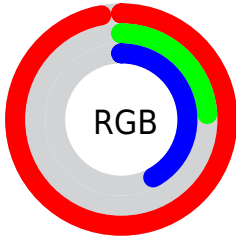
Format	Color
R_{YB}	247, 61, 108
Decimal	16203116
CIE _{Lab}	56.28, 71.48, 17.77
CIE _{LCh}	56, 73.657, 13.961
Yxy	24.1944, 0.5116, 0.2896
Android (android.graphics.Color)	4294393196 (0xFFFF73D6C)
YUV	121.9720, -6.8882, 109.6496
Hunter-Lab	49.1878, 68.9983, 14.4161

Details

The XYZ color **42.7333, 24.1944, 16.6050** 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 **45.6129, 71.6845, 66.0844**, and the grayscale version is **18.4914, 19.4544, 21.1858**.

A 20% lighter version of the original color is **54.5810, 37.9291, 37.2452**, and **20.6095, 10.5273, 5.3606** is the 20% darker color. If you saturate the color by 10%, you get **40.8240, 21.7853, 11.6239**, and if you desaturate by 10%, it is **45.4583, 27.9024, 22.8845**.

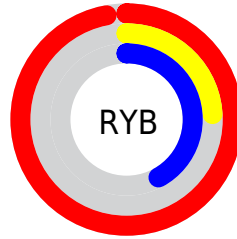
Distribution



Red (97%)

Green (24%)

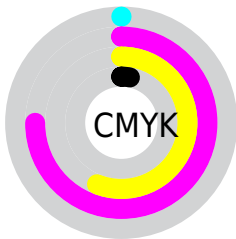
Blue (42%)



Red (97%)

Yellow (24%)

Blue (42%)

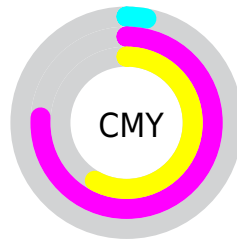


Cyan (0%)

Magenta (75%)

Yellow (56%)

Black (3%)



Cyan (3%)

Magenta (76%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7333, 24.1944, 16.6050 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 42.7333, 24.1944, 16.6050 by changing the saturation by 10% instead.

 42.7333, 24.1944,
16.6050


 42.7333, 24.1944,
16.6050

348.4539,
273.8018, 244.8521


 29.8695, 15.4779,
9.7943


 78.5665, 50.3472,
38.4267


 19.8872, 9.1555,
5.1590


 102.2666, 68.5524,
54.2747


 12.4208, 4.8427,
2.2805


 130.3095, 90.6892,
73.9723

 7.1052, 2.1553,
0.7202

 163.0606,
117.1420, 97.9380

 3.5749, 0.6954,
0.0000

 200.8853,
148.2953, 126.5902

 1.4646, 0.0000,
0.0000

244.1488,

 0.3015, 0.0000,

184.5334, 160.3477

0.0000

293.2166,
226.2408, 199.6288

■ 0.0000, 0.0000,
0.0000

■ 42.7333, 24.1944,
16.6050

■ 42.7333, 24.1944,
16.6050

■ 40.8240, 21.7853,
11.6239

■ 45.4583, 27.9024,
22.8845

■ 39.6244, 20.4837,
7.8401


■ 49.0830, 33.0574,
30.5496


■ 39.2381, 20.1263,
6.4319


■ 53.6825, 39.7919,
39.6804

■ 59.3232, 48.2221,
50.3505

■ 66.0655, 58.4532,
62.6282

 73.9652, 70.5820,
76.5776

 83.0742, 84.6981,
92.2592

 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.



42.5022, 24.1944, 41.4718



42.7333, 24.1944, 16.6050



36.8473, 24.1944, 5.4028

Triad

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



42.7333, 24.1944, 16.6050



13.4307, 24.1944, 4.9967



18.7776, 24.1944, 101.5635

Complementary

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



42.7333, 24.1944, 16.6050



45.6129, 71.6845, 66.0844

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.



13.1405, 24.1944, 73.8904



42.7333, 24.1944, 16.6050



10.6129, 24.1944, 15.4305

Square

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



42.7333, 24.1944, 16.6050



19.2814, 24.1944, 2.0426



10.5217, 24.1944, 39.2959



27.1596, 24.1944, 102.6457

Rectangle

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



42.7333, 24.1944, 16.6050



30.9247, 24.1944, 2.7169



10.5217, 24.1944, 39.2959



16.5536, 24.1944, 94.5447

Sweetspot

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



42.7339, 24.1958, 16.6054



72.8378, 65.6095, 70.5627



41.5897, 21.9793, 90.0457



14.9770, 13.1062, 14.0059



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.



42.7339, 24.1958, 16.6054



43.1783, 22.6088, 10.3691



44.1921, 30.0947, 7.8966



16.6709, 16.5512, 18.0134



20.7998, 10.6634, 3.6542



1.8679, 0.9531, 0.5306

Inverse Universe

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



42.7339, 24.1958, 16.6054



43.1783, 22.6088, 10.3691



40.2124, 50.7052, 95.6629



16.6709, 16.5512, 18.0134



20.7998, 10.6634, 3.6542



1.8679, 0.9531, 0.5306

Previews

White Background



This preview shows how the XYZ color 42.7333, 24.1944, 16.6050 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 42.7333, 24.1944, 16.6050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

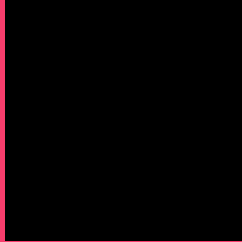
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.7333, 24.1944, 16.6050

Background



This preview shows how black text looks on a background with the XYZ color 42.7333, 24.1944, 16.6050.



This preview shows how white text looks on a background with the XYZ color 42.7333, 24.1944,

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

42.7333, 24.1944, 16.6050

Protanopia

23.5508, 24.2147, 29.8182

Deuteranopia

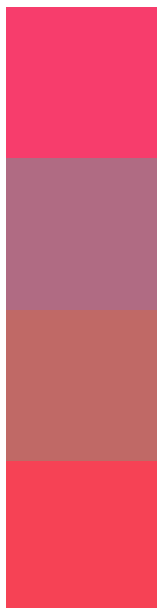
24.7320, 24.3397, 15.1989



Tritanopia

40.9540, 24.1366, 8.6312

Trichromacy



Original Color

42.7333, 24.1944, 16.6050

Protanomaly

27.2589, 21.3842, 24.1636

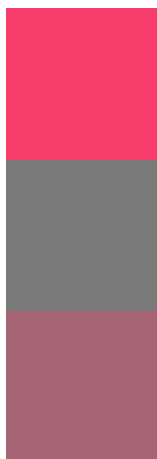
Deuteranomaly

29.1881, 22.2689, 15.3303

Tritanomaly

41.5939, 24.1451, 11.0626

Monochromacy



Original Color

42.7333, 24.1944, 16.6050

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

23.7044, 18.6142, 19.1732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7333, 24.1944, 16.6050 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, 61, 108)` looks like.

```
.text, #text, p{  
    color:rgb(247, 61, 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(247, 61, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 61, 108) }
```

Border

The CSS property to change the border of an element to XYZ 42.7333, 24.1944, 16.6050 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, 61, 108) }
```


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

```
.border{ border-color:rgb(247, 61, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 61, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 61, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 61, 108);  
box-shadow:4px 4px 4px 4px rgb(247, 61,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7333, 24.1944, 16.6050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 61, 108) }
```

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

```
.background{ background-color: rgb(247, 61,  
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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