

Converting Colors

XYZ(47.4190, 29.2719, 38.2022)

Have a look what the booklet for
XYZ(47.4190, 29.2719, 38.2022)
contains.

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Color

**XYZ(47.4041, 29.2172,
38.2630)**

Conversions

Conversions Part 1

Format	Color
Hex	F35BA4
RGB	243, 91, 164
RGB Percent	95%, 36%, 64%
CMY	0.0471, 0.6431, 0.3569
CMYK	0.00, 0.63, 0.33, 0.05
HSL	331°, 86%, 65%
HSV	331°, 63%, 95%
XYZ	47.4041, 29.2172, 38.2630
YIQ	144.7700, 67.1590, 54.9270

Conversions

Conversions Part 2

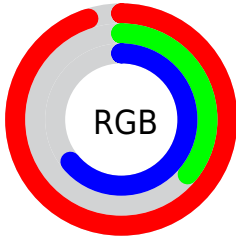
Format	Color
R _Y B	243, 91, 164
Decimal	15948708
CIE Lab	60.97, 64.74, -8.42
CIE LCh	61, 65.284, 352.586
Yxy	29.2172, 0.4126, 0.2543
Android (android.graphics.Color)	4294138788 (0xFFFF35BA4)
YUV	144.7700, 9.4804, 86.1477
Hunter-Lab	54.0529, 61.9508, -4.1332

Details

The XYZ color **47.4041, 29.2172, 38.2630** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **43.6224, 69.2285, 49.0976**, and the grayscale version is **26.7654, 28.1592, 30.6654**.

A 20% lighter version of the original color is **64.6161, 47.5543, 72.7911**, and **22.7797, 11.8904, 16.4237** is the 20% darker color. If you saturate the color by 10%, you get **44.5681, 25.2809, 31.9668**, and if you desaturate by 10%, it is **51.0273, 34.5463, 45.3810**.

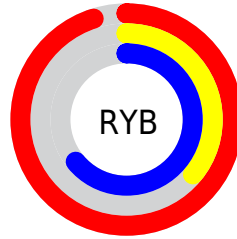
Distribution



Red (95%)

Green (36%)

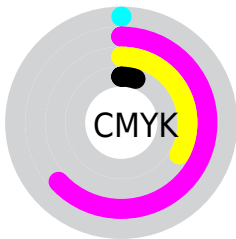
Blue (64%)



Red (95%)

Yellow (36%)

Blue (64%)

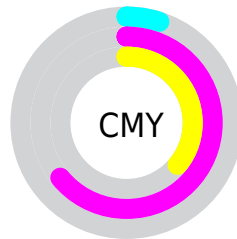


Cyan (0%)

Magenta (63%)

Yellow (33%)

Black (5%)



Cyan (5%)


Magenta (64%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4041, 29.2172, 38.2630 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 47.4041, 29.2172, 38.2630 by changing the saturation by 10% instead.


 47.4041, 29.2172,
38.2630


 47.4041, 29.2172,
38.2630


367.0473,
298.2384, 354.0788


 33.5645, 19.2452,
25.8835


 85.5316, 58.4220,
73.7190


 22.7205, 11.8476,
16.5115


 110.5502, 78.4236,
97.6325

 14.5069, 6.6400,
9.7286


 140.0258,
102.5371, 126.2277

 8.5581, 3.2380,
5.1161

 174.3239,
131.1471, 159.9232

 4.5089, 1.2572,
2.2556

213.8097,
164.6378, 199.1375

 1.9938, 0.1077,
0.7062

258.8486,

 0.6305, 0.0000,

203.3936, 244.2892

0.0000

309.8060,
247.7990, 295.7968

■ 0.0000, 0.0000,
0.0000

■ 47.4041, 29.2172,
38.2630

■ 47.4041, 29.2172,
38.2630

■ 44.5681, 25.2809,
31.9668

■ 51.0273, 34.5463,
45.3810

■ 42.4460, 22.5963,
26.4510

■ 55.4969, 41.3822,
53.3554


■ 40.9533, 21.0001,
21.6708

■ 60.8692, 49.8321,
62.2201

■ 40.1554, 20.3320,
18.5446

■ 67.1944, 59.9921,
72.0063

■ 74.5192, 71.9509,
82.7433

 82.8869, 85.7907,
94.4591

 90.3583, 97.6292,
106.5204

 90.7722, 97.7947,
108.6998

Harmonies

Analogous

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



42.9314, 29.2172, 69.7109



47.4041, 29.2172, 38.2630



45.8219, 29.2172, 16.9733

Triad

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



47.4041, 29.2172, 38.2630



21.9378, 29.2172, 5.1727



18.9536, 29.2172, 85.5691

Complementary

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



47.4041, 29.2172, 38.2630



43.6224, 69.2285, 49.0976

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.



15.2178, 29.2172, 53.4654



47.4041, 29.2172, 38.2630



16.6786, 29.2172, 10.9644

Square

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



47.4041, 29.2172, 38.2630



29.9394, 29.2172, 4.2746



14.4798, 29.2172, 26.1311



25.7081, 29.2172, 104.7710

Rectangle

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



47.4041, 29.2172, 38.2630



41.6724, 29.2172, 9.4450



14.4798, 29.2172, 26.1311



17.3648, 29.2172, 75.3313

Sweetspot

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



47.4049, 29.2187, 38.2635



77.7013, 71.3708, 84.4093



36.3973, 22.4493, 87.2090



16.1502, 14.4943, 17.3511



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.



47.4049, 29.2187, 38.2635



49.0259, 27.2853, 33.9558



42.8130, 27.7344, 12.9962



16.8306, 16.6151, 18.8546



22.1060, 11.1858, 10.5326



1.9945, 1.0038, 1.1977

Inverse Universe

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



47.4049, 29.2187, 38.2635



49.0259, 27.2853, 33.9558



51.7907, 71.2912, 95.8251



16.8306, 16.6151, 18.8546



22.1060, 11.1858, 10.5326



1.9945, 1.0038, 1.1977

Previews

White Background



This preview shows how the XYZ color 47.4041, 29.2172, 38.2630 looks on a white background.

Color Contrast Check

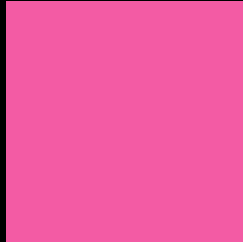
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.4041, 29.2172, 38.2630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

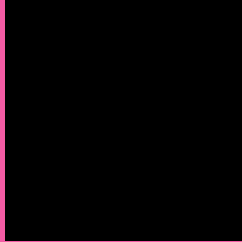
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 47.4041, 29.2172, 38.2630

Background



This preview shows how black text looks on a background with the XYZ color 47.4041, 29.2172, 38.2630.

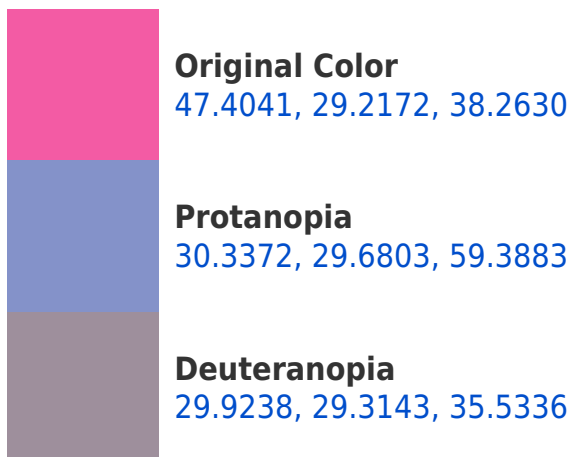


This preview shows how white text looks on a background with the XYZ color 47.4041, 29.2172,

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

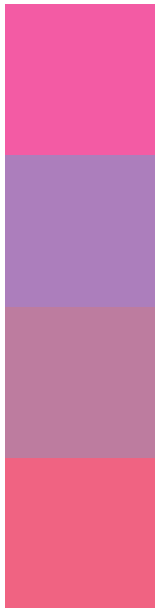




Tritanopia

43.2613, 29.1770, 18.1035

Trichromacy



Original Color

47.4041, 29.2172, 38.2630

Protanomaly

33.5512, 27.3232, 51.0825

Deuteranomaly

34.4519, 27.7373, 36.3389

Tritanomaly

44.4263, 29.0607, 24.3868

Monochromacy



Original Color

47.4041, 29.2172, 38.2630

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

32.0572, 26.7580, 33.1810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4041, 29.2172, 38.2630 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, 91, 164)` looks like.

```
.text, #text, p{  
    color:rgb(243, 91, 164)  
}
```

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, 91, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 91, 164) }
```

Border

The CSS property to change the border of an element to XYZ 47.4041, 29.2172, 38.2630 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, 91, 164) }
```


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

```
.border{ border-color:rgb(243, 91, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 91, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 91, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 91, 164);  
box-shadow:4px 4px 4px 4px rgb(243, 91,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4041, 29.2172, 38.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 91, 164) }
```

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

```
.background{ background-color: rgb(243, 91,  
164) }
```

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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