

Converting Colors

XYZ(47.8989, 30.4301, 30.9528)

Have a look what the booklet for
XYZ(47.8989, 30.4301, 30.9528)
contains.

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Color

**XYZ(47.8989, 30.4301,
30.9528)**

Conversions

Conversions Part 1

Format	Color
Hex	F76193
RGB	247, 97, 147
RGB Percent	97%, 38%, 58%
CMY	0.0314, 0.6196, 0.4235
CMYK	0.00, 0.61, 0.40, 0.03
HSL	340°, 90%, 67%
HSV	340°, 61%, 97%
XYZ	47.8989, 30.4301, 30.9528
YIQ	147.5500, 73.3500, 47.3500

Conversions

Conversions Part 2

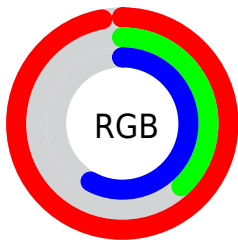
Format	Color
R_{YB}	247, 97, 147
Decimal	16212371
CIE Lab	62.02, 61.58, 3.02
CIE LCh	62, 61.658, 2.806
Yxy	30.4301, 0.4383, 0.2785
Android (android.graphics.Color)	4294402451 (0xFFFF76193)
YUV	147.5500, -0.2712, 87.2176
Hunter-Lab	55.1635, 58.4569, 5.3462

Details

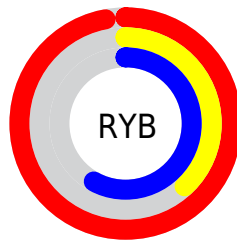
The XYZ color **47.8989, 30.4301, 30.9528** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **48.2704, 73.0949, 64.3927**, and the grayscale version is **27.9421, 29.3972, 32.0136**.

A 20% lighter version of the original color is **63.3382, 48.5882, 61.2985**, and **23.0084, 12.5042, 12.5101** is the 20% darker color. If you saturate the color by 10%, you get **44.7602, 26.0749, 23.9810**, and if you desaturate by 10%, it is **51.9344, 36.2829, 39.1367**.

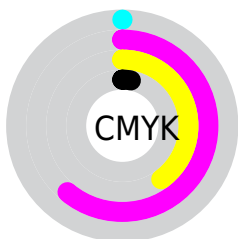
Distribution



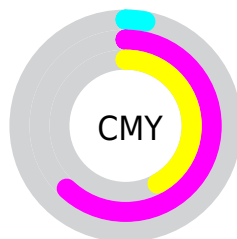
- Red (97%)
- Green (38%)
- Blue (58%)



- Red (97%)
- Yellow (38%)
- Blue (58%)



- Cyan (0%)
- Magenta (61%)
- Yellow (40%)
- Black (3%)





- Cyan (3%)
- Magenta (62%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.8989, 30.4301, 30.9528 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 47.8989, 30.4301, 30.9528 by changing the saturation by 10% instead.


 47.8989, 30.4301,
30.9528


 47.8989, 30.4301,
30.9528


368.9805,
303.9041, 320.6653


 33.9577, 20.1653,
20.3047


 86.2645, 60.3417,
62.2445


 23.0239, 12.5152,
12.4305


 111.4196, 80.7573,
83.7251

 14.7319, 7.0956,
6.9115


 141.0434,
105.3252, 109.6538

 8.7166, 3.5220,
3.3292

 175.5013,
134.4299, 140.4489

 4.6124, 1.4099,
1.2651

215.1586,
168.4557, 176.5291

 2.0541, 0.2240,
0.0329

260.3807,

 0.6641, 0.0000,

207.7871, 218.3129

0.0000

311.5328,
252.8085, 266.2187

■ 0.0000, 0.0000,
0.0000

■ 47.8989, 30.4301,
30.9528

■ 47.8989, 30.4301,
30.9528

■ 44.7602, 26.0749,
23.9810

■ 51.9344, 36.2829,
39.1367

■ 42.4397, 23.0726,
18.1558

■ 56.9314, 43.7508,
48.5898

■ 40.8480, 21.2576,
13.4062

■ 62.9509, 52.9449,
59.3670

■ 39.8931, 20.3883,
9.8803

■ 70.0483, 63.9652,
71.5193

■ 78.2747, 76.9040,
85.0949

87.6780, 91.8471,
100.1396

92.1677, 98.5141,
108.7651

Harmonies

Analogous

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



45.5052, 30.4301, 58.6200



47.8989, 30.4301, 30.9528



44.4600, 30.4301, 14.0718

Triad

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



47.8989, 30.4301, 30.9528



21.1319, 30.4301, 7.6979



22.2449, 30.4301, 92.4218

Complementary

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



47.8989, 30.4301, 30.9528



48.2704, 73.0949, 64.3927

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.



17.5066, 30.4301, 64.4537



47.8989, 30.4301, 30.9528



16.9554, 30.4301, 16.3690

Square

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



47.8989, 30.4301, 30.9528



28.1512, 30.4301, 5.2815



15.7660, 30.4301, 35.4137



29.7086, 30.4301, 102.6483

Rectangle

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



47.8989, 30.4301, 30.9528



39.6448, 30.4301, 8.4792



15.7660, 30.4301, 35.4137



20.3327, 30.4301, 84.2884

Sweetspot

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



47.8997, 30.4317, 30.9533



77.5737, 72.3135, 80.6740



44.0907, 27.1371, 90.9097



16.0812, 14.6595, 16.3933



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.



47.8997, 30.4317, 30.9533



47.4484, 27.1336, 24.1715



47.4762, 34.5582, 15.4795



16.7269, 16.5736, 18.3086



21.1569, 10.8062, 5.5344



1.9052, 0.9681, 0.7274

Inverse Universe

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



47.8997, 30.4317, 30.9533



47.4484, 27.1336, 24.1715



47.8408, 61.5005, 97.3449



16.7269, 16.5736, 18.3086



21.1569, 10.8062, 5.5344



1.9052, 0.9681, 0.7274

Previews

White Background



This preview shows how the XYZ color 47.8989, 30.4301, 30.9528 looks on a white background.

Color Contrast Check

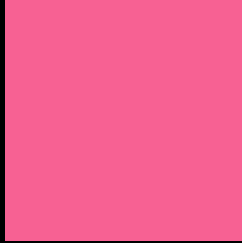
Large Text (above 18pt) WCAG AA × Fail

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 47.8989, 30.4301, 30.9528 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 ✓ Pass

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

XYZ 47.8989, 30.4301, 30.9528

Background



This preview shows how black text looks on a background with the XYZ color 47.8989, 30.4301, 30.9528.



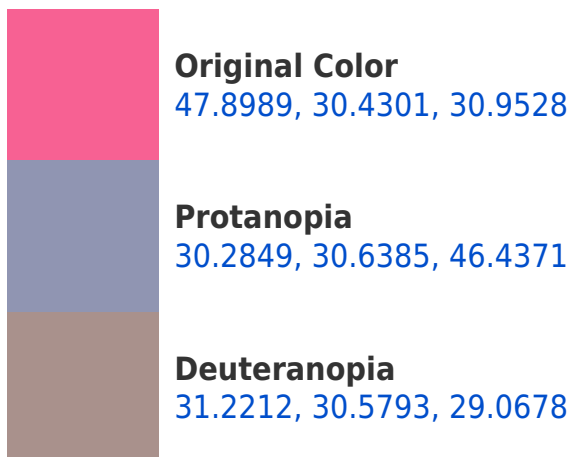
This preview shows how white text looks on a background with the XYZ color 47.8989, 30.4301,

30.9528.

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

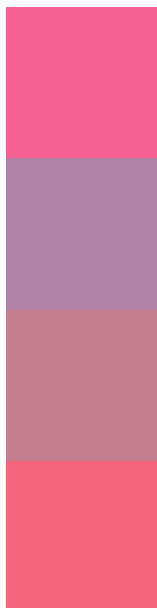




Tritanopia

45.1278, 30.2814, 18.5053

Trichromacy



Original Color

47.8989, 30.4301, 30.9528

Protanomaly

34.0137, 28.5790, 40.2828

Deuteranomaly

35.7031, 29.2918, 29.7587

Tritanomaly

45.9480, 30.1751, 22.4714

Monochromacy



Original Color

47.8989, 30.4301, 30.9528

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

32.9627, 28.0290, 31.6898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8989, 30.4301, 30.9528 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, 97, 147)` looks like.

```
.text, #text, p{  
    color:rgb(247, 97, 147)  
}
```

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, 97, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 97, 147) }
```

Border

The CSS property to change the border of an element to XYZ 47.8989, 30.4301, 30.9528 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, 97, 147) }
```


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

```
.border{ border-color:rgb(247, 97, 147) }
```

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

Here you see how a box with a 4 pixel rgb(247, 97, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 97, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 97, 147);  
box-shadow:4px 4px 4px 4px rgb(247, 97,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8989, 30.4301, 30.9528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 97, 147) }
```

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

```
.background{ background-color: rgb(247, 97,  
147) }
```

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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