

Converting Colors

XYZ(47.9413, 30.2687, 26.7133)

Have a look what the booklet for
XYZ(47.9413, 30.2687, 26.7133)
contains.

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Color

**XYZ(47.9605, 30.2860,
26.6105)**

Conversions

Conversions Part 1

Format	Color
Hex	FA5F88
RGB	250, 95, 136
RGB Percent	98%, 37%, 53%
CMY	0.0196, 0.6274, 0.4667
CMYK	0.00, 0.62, 0.46, 0.02
HSL	344°, 94%, 68%
HSV	344°, 62%, 98%
XYZ	47.9605, 30.2860, 26.6105
YIQ	146.0190, 79.2190, 45.6110

Conversions

Conversions Part 2

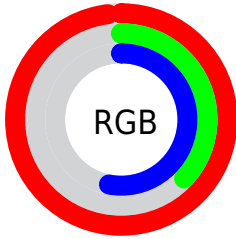
Format	Color
RYB	250, 95, 136
Decimal	16408456
CIELab	61.90, 62.29, 9.27
CIElCh	62, 62.972, 8.463
Yxy	30.2860, 0.4574, 0.2888
Android (android.graphics.Color)	4294598536 (0xFFFA5F88)
YUV	146.0190, -4.9394, 91.1913
Hunter-Lab	55.0327, 59.2538, 9.8538

Details

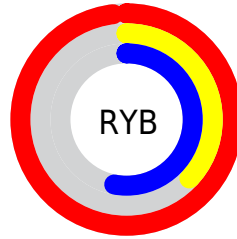
The XYZ color **47.9605, 30.2860, 26.6105** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **50.4155, 75.4084, 72.2253**, and the grayscale version is **27.3276, 28.7508, 31.3096**.

A 20% lighter version of the original color is **61.6535, 47.3906, 54.0419**, and **22.9493, 12.3595, 10.1929** is the 20% darker color. If you saturate the color by 10%, you get **44.8620, 26.0043, 19.6739**, and if you desaturate by 10%, it is **52.0070, 36.1052, 34.9698**.

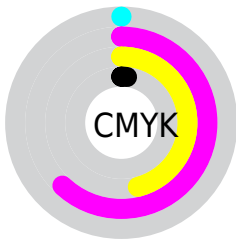
Distribution



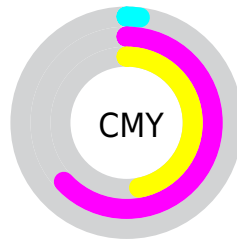
- Red (98%)
- Green (37%)
- Blue (53%)



- Red (98%)
- Yellow (37%)
- Blue (53%)



- Cyan (0%)
- Magenta (62%)
- Yellow (46%)
- Black (2%)




- Cyan (2%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9605, 30.2860, 26.6105 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 47.9605, 30.2860, 26.6105 by changing the saturation by 10% instead.


 47.9605, 30.2860,
26.6105


 47.9605, 30.2860,
26.6105


369.2207,
303.2353, 299.4665


 34.0067, 20.0558,
17.0511


 86.3556, 60.1142,
55.2543


 23.0617, 12.4356,
10.1086


 111.5277, 80.4809,
75.1758

 14.7600, 7.0411,
5.3645


 141.1699,
104.9953, 99.3884

 8.7363, 3.4878,
2.4002

 175.6477,
134.0417, 128.3106

 4.6253, 1.3914,
0.7865

215.3263,
168.0045, 162.3609

 2.0616, 0.2104,
0.0000

260.5711,

 0.6682, 0.0000,

207.2681, 201.9580

0.0000

311.7474,
252.2169, 247.5204

■ 0.0000, 0.0000,
0.0000

■ 47.9605, 30.2860,
26.6105

■ 47.9605, 30.2860,
26.6105

■ 44.8620, 26.0043,
19.6739

■ 52.0070, 36.1052,
34.9698

■ 42.6259, 23.1066,
14.0741

■ 57.0723, 43.5861,
44.8269

■ 41.1537, 21.4162,
9.7171

■ 63.2229, 52.8457,
56.2534

■ 40.4111, 20.7187,
7.0419

■ 70.5187, 63.9892,
69.3156

■ 79.0153, 77.1134,
84.0757

88.7646, 92.3084,
100.5928

93.2343, 99.0640,
108.8150

Harmonies

Analogous

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



46.6316, 30.2860, 53.1028



47.9605, 30.2860, 26.6105



43.4207, 30.2860, 11.7216

Triad

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



47.9605, 30.2860, 26.6105



19.8416, 30.2860, 8.3593



23.2403, 30.2860, 97.6721

Complementary

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



47.9605, 30.2860, 26.6105



50.4155, 75.4084, 72.2253

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.



17.8756, 30.2860, 71.0582



47.9605, 30.2860, 26.6105



16.1963, 30.2860, 18.7114

Square

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



47.9605, 30.2860, 26.6105



26.4677, 30.2860, 5.0852



15.5545, 30.2860, 40.2841



31.2357, 30.2860, 103.4189

Rectangle

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



47.9605, 30.2860, 26.6105



38.1153, 30.2860, 7.1371



15.5545, 30.2860, 40.2841



21.1186, 30.2860, 90.4099

Sweetspot

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



47.9613, 30.2876, 26.6110



76.2781, 70.8016, 76.9150



47.5493, 28.5953, 93.4556



15.8091, 14.3578, 15.5549



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.



47.9613, 30.2876, 26.6110



46.3702, 26.4573, 19.2489



49.6299, 37.4297, 15.4376



17.4331, 17.3006, 18.8703



21.4856, 11.0100, 3.9998



2.0317, 1.0364, 0.5905

Inverse Universe

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



47.9613, 30.2876, 26.6110



46.3702, 26.4573, 19.2489



45.9805, 57.3453, 99.0876



17.4331, 17.3006, 18.8703



21.4856, 11.0100, 3.9998



2.0317, 1.0364, 0.5905

Previews

White Background



This preview shows how the XYZ color 47.9605, 30.2860, 26.6105 looks on a white background.

Color Contrast Check

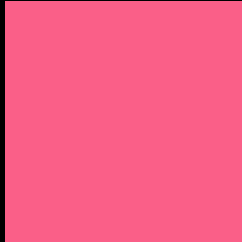
Large Text (above 18pt) WCAG AA × Fail

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 47.9605, 30.2860, 26.6105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

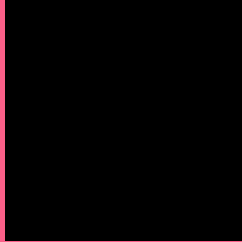
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9605, 30.2860, 26.6105

Background



This preview shows how black text looks on a background with the XYZ color 47.9605, 30.2860, 26.6105.



This preview shows how white text looks on a background with the XYZ color 47.9605, 30.2860,

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

47.9605, 30.2860, 26.6105

Protanopia

29.8431, 30.5440, 40.3991

Deuteranopia

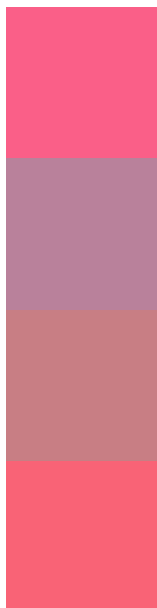
30.9490, 30.3022, 24.9866



Tritanopia

46.0189, 30.3254, 17.3378

Trichromacy



Original Color

47.9605, 30.2860, 26.6105

Protanomaly

33.7742, 28.3814, 34.7084

Deuteranomaly

35.4451, 28.8670, 25.5335

Tritanomaly

46.7988, 30.3714, 20.5352

Monochromacy



Original Color

47.9605, 30.2860, 26.6105

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

32.2390, 27.3221, 29.1657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9605, 30.2860, 26.6105 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(250, 95, 136)` looks like.

```
.text, #text, p{  
    color:rgb(250, 95, 136)  
}
```

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(250, 95, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 95, 136) }
```

Border

The CSS property to change the border of an element to XYZ 47.9605, 30.2860, 26.6105 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(250, 95, 136) }
```


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

```
.border{ border-color:rgb(250, 95, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 95, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 95, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 95, 136);  
box-shadow:4px 4px 4px 4px rgb(250, 95,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9605, 30.2860, 26.6105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 95, 136) }
```

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

```
.background{ background-color: rgb(250, 95,  
136) }
```

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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