

Converting Colors

XYZ(47.6056, 29.4051, 28.7578)

Have a look what the booklet for
XYZ(47.6056, 29.4051, 28.7578)
contains.

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Color

**XYZ(47.6056, 29.4051,
28.7578)**

Conversions

Conversions Part 1

Format	Color
Hex	F95A8E
RGB	249, 90, 142
RGB Percent	98%, 35%, 56%
CMY	0.0235, 0.6470, 0.4431
CMYK	0.00, 0.64, 0.43, 0.02
HSL	340°, 93%, 66%
HSV	340°, 64%, 98%
XYZ	47.6056, 29.4051, 28.7578
YIQ	143.4690, 78.0720, 49.8800

Conversions

Conversions Part 2

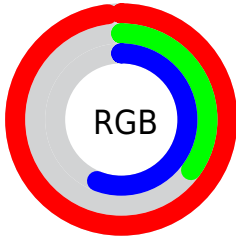
Format	Color
R _Y B	249, 90, 142
Decimal	16341646
CIE Lab	61.14, 64.59, 4.68
CIE LCh	61, 64.758, 4.140
Yxy	29.4051, 0.4501, 0.2780
Android (android.graphics.Color)	4294531726 (0xFF95A8E)
YUV	143.4690, -0.7242, 92.5507
Hunter-Lab	54.2265, 61.8094, 6.5154

Details

The XYZ color **47.6056, 29.4051, 28.7578** 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 **48.1721, 73.9571, 64.5650**, and the grayscale version is **26.2783, 27.6468, 30.1074**.

A 20% lighter version of the original color is **61.6802, 46.3799, 57.3311**, and **22.9390, 12.0004, 11.2325** is the 20% darker color. If you saturate the color by 10%, you get **44.6807, 25.4198, 22.0351**, and if you desaturate by 10%, it is **51.4243, 34.8754, 36.7122**.

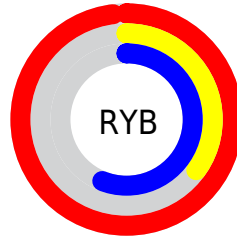
Distribution



Red (98%)

Green (35%)

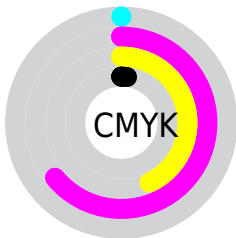
Blue (56%)



Red (98%)

Yellow (35%)

Blue (56%)

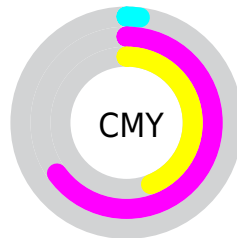


Cyan (0%)

Magenta (64%)

Yellow (43%)

Black (2%)



Cyan (2%)

Magenta (65%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6056, 29.4051, 28.7578 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 47.6056, 29.4051, 28.7578 by changing the saturation by 10% instead.


 47.6056, 29.4051,
28.7578


 47.6056, 29.4051,
28.7578

367.8353,
299.1216, 310.0956


 33.7246, 19.3875,
18.6537


 85.8301, 58.7201,
58.7296


 22.8440, 11.9506,
11.2460


 110.9044, 78.7863,
79.4344

 14.5984, 6.7100,
6.1163


 140.4405,
102.9707, 104.5099

 8.6225, 3.2814,
2.8460

 174.8037,
131.6579, 134.3745

 4.5509, 1.2804,
1.0166

214.3595,
165.2322, 169.4468

 2.0183, 0.1259,
0.0000

259.4731,

 0.6442, 0.0000,

204.0780, 210.1454

0.0000

310.5099,
248.5796, 256.8888

■ 0.0000, 0.0000,
0.0000

■ 47.6056, 29.4051,
28.7578

■ 47.6056, 29.4051,
28.7578

■ 44.6807, 25.4198,
22.0351

■ 51.4243, 34.8754,
36.7122

■ 42.5654, 22.7646,
16.4737

■ 56.2058, 41.9558,
45.9593

■ 41.1620, 21.2581,
11.9967

■ 62.0144, 50.7633,
56.5577

■ 40.5681, 20.7402,
9.7334

■ 68.9083, 61.4027,
68.5615

■ 76.9411, 73.9706,
82.0217

86.1626, 88.5565,
96.9866

92.8769, 98.8797,
108.7983

Harmonies

Analogous

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



45.3700, 29.4051, 57.0558



47.6056, 29.4051, 28.7578



43.7609, 29.4051, 12.2886

Triad

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



47.6056, 29.4051, 28.7578



19.7489, 29.4051, 6.8122



21.4137, 29.4051, 95.2373

Complementary

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



47.6056, 29.4051, 28.7578



48.1721, 73.9571, 64.5650

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.



16.4942, 29.4051, 66.0913



47.6056, 29.4051, 28.7578



15.6785, 29.4051, 15.6434

Square

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



47.6056, 29.4051, 28.7578



26.7861, 29.4051, 4.3567



14.6199, 29.4051, 35.5139



29.1444, 29.4051, 104.9864

Rectangle

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



47.6056, 29.4051, 28.7578



38.6482, 29.4051, 7.1032



14.6199, 29.4051, 35.5139



19.4322, 29.4051, 86.8474

Sweetspot

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



47.6064, 29.4067, 28.7583



76.6816, 70.9630, 79.0397



43.5216, 25.8897, 92.3258



15.9054, 14.3964, 16.0622



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.



47.6064, 29.4067, 28.7583



46.3523, 25.7786, 21.2249



47.2169, 33.4863, 13.6499



17.4786, 17.3188, 19.1101



21.7734, 11.1251, 5.5150



2.0632, 1.0490, 0.7562

Inverse Universe

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



47.6064, 29.4067, 28.7583



46.3523, 25.7786, 21.2249



47.5709, 61.5231, 98.9903



17.4786, 17.3188, 19.1101



21.7734, 11.1251, 5.5150



2.0632, 1.0490, 0.7562

Previews

White Background



This preview shows how the XYZ color 47.6056, 29.4051, 28.7578 looks on a white background.

Color Contrast Check

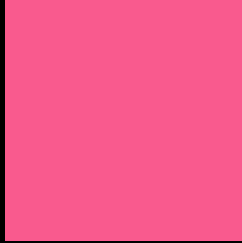
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6056, 29.4051, 28.7578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

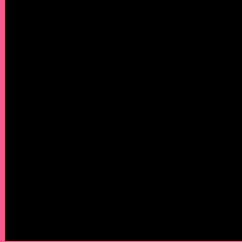
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 47.6056, 29.4051, 28.7578

Background



This preview shows how black text looks on a background with the XYZ color 47.6056, 29.4051, 28.7578.



This preview shows how white text looks on a background with the XYZ color 47.6056, 29.4051,

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

47.6056, 29.4051, 28.7578

Protanopia

29.3269, 29.7134, 44.7470

Deuteranopia

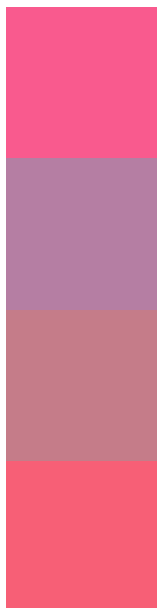
30.0619, 29.5816, 26.6797



Tritanopia

44.8724, 29.3277, 16.3925

Trichromacy



Original Color

47.6056, 29.4051, 28.7578

Protanomaly

33.1278, 27.3898, 38.1911

Deuteranomaly

34.7490, 28.0918, 27.2577

Tritanomaly

45.7200, 29.2666, 20.3788

Monochromacy



Original Color

47.6056, 29.4051, 28.7578

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

31.4570, 26.3436, 29.4135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6056, 29.4051, 28.7578 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(249, 90, 142)` looks like.

```
.text, #text, p{  
    color:rgb(249, 90, 142)  
}
```

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(249, 90, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 90, 142) }
```

Border

The CSS property to change the border of an element to XYZ 47.6056, 29.4051, 28.7578 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(249, 90, 142) }
```


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

```
.border{ border-color:rgb(249, 90, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 90, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 90, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 90, 142);  
box-shadow:4px 4px 4px 4px rgb(249, 90,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6056, 29.4051, 28.7578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 90, 142) }
```

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

```
.background{ background-color: rgb(249, 90,  
142) }
```

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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