

Converting Colors

XYZ(57.7941, 33.8741, 25.8949)

Have a look what the booklet for
XYZ(57.7941, 33.8741, 25.8949)
contains.

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Color

**XYZ(48.6363, 29.1677,
25.6208)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5386
RGB	255, 83, 134
RGB Percent	100%, 33%, 53%
CMY	0.0000, 0.6745, 0.4745
CMYK	0.00, 0.67, 0.47, 0.00
HSL	342°, 100%, 66%
HSV	342°, 67%, 100%
XYZ	48.6363, 29.1677, 25.6208
YIQ	140.2420, 86.1410, 52.3250

Conversions

Conversions Part 2

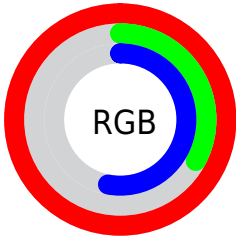
Format	Color
R _Y B	255, 83, 134
Decimal	16733062
CIE Lab	60.93, 68.33, 9.16
CIE LCh	61, 68.944, 7.638
Yxy	29.1677, 0.4703, 0.2820
Android (android.graphics.Color)	4294923142 (0xFFFF5386)
YUV	140.2420, -3.0773, 100.6428
Hunter-Lab	54.0071, 66.2363, 9.6780

Details

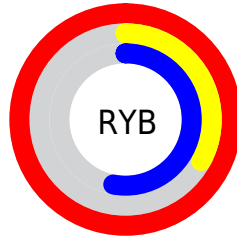
The XYZ color **48.6363, 29.1677, 25.6208** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **50.2283, 77.7193, 69.4868**, and the grayscale version is **25.0110, 26.3135, 28.6554**.

A 20% lighter version of the original color is **59.8826, 44.1939, 52.3878**, and **23.6320, 11.9933, 9.6637** is the 20% darker color. If you saturate the color by 10%, you get **45.8843, 25.4993, 19.0450**, and if you desaturate by 10%, it is **52.3191, 34.3581, 33.5545**.

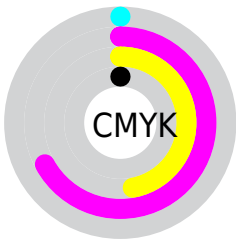
Distribution



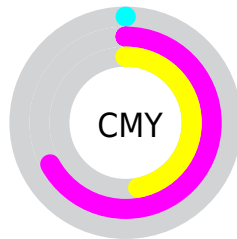
- Red (100%)
- Green (33%)
- Blue (53%)



- Red (100%)
- Yellow (33%)
- Blue (53%)



- Cyan (0%)
- Magenta (67%)
- Yellow (47%)
- Black (0%)




- Cyan (0%)
- Magenta (67%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.6363, 29.1677, 25.6208 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 48.6363, 29.1677, 25.6208 by changing the saturation by 10% instead.


 48.6363, 29.1677,
25.6208


 48.6363, 29.1677,
25.6208

371.8495,
298.0054, 294.4616

 34.5444, 19.2077,
16.3170

 87.3550, 58.3434,
53.6391


 23.4770, 11.8205,
9.5919


 112.7125, 78.3280,
73.1907

 15.0687, 6.6215,
5.0272


 142.5560,
102.4228, 96.9952

 8.9543, 3.2266,
2.2042

 177.2507,
131.0123, 125.4713

 4.7682, 1.2511,
0.6768

217.1621,
164.4810, 159.0374

 2.1453, 0.1029,
0.0000

262.6554,

 0.7137, 0.0000,

203.2131, 198.1122

0.0000

314.0961,
247.5931, 243.1141

■ 0.0000, 0.0000,
0.0000

■ 48.6363, 29.1677,
25.6208

■ 48.6363, 29.1677,
25.6208

■ 45.8843, 25.4993,
19.0450

■ 52.3191, 34.3581,
33.5545

■ 43.9670, 23.1777,
13.7416

■ 57.0108, 41.2108,
42.9207


■ 42.7652, 21.9831,
9.6137

■ 62.7837, 49.8553,
53.7895

■ 42.5305, 21.7762,
8.7265

■ 69.7025, 60.4068,
66.2260

■ 77.8266, 72.9712,
80.2910

 87.2113, 87.6460,
96.0422

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



46.9868, 29.1677, 54.5724



48.6363, 29.1677, 25.6208



43.7949, 29.1677, 10.1001

Triad

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



48.6363, 29.1677, 25.6208



18.4472, 29.1677, 6.4691



21.6507, 29.1677, 103.1015

Complementary

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



48.6363, 29.1677, 25.6208



50.2283, 77.7193, 69.4868

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.



16.1604, 29.1677, 72.6164



48.6363, 29.1677, 25.6208



14.6090, 29.1677, 16.3973

Square

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



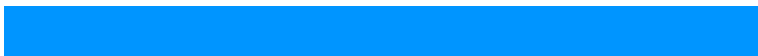
48.6363, 29.1677, 25.6208



25.4877, 29.1677, 3.6191



13.8734, 29.1677, 38.8060



30.0854, 29.1677, 110.4728

Rectangle

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



48.6363, 29.1677, 25.6208



38.0474, 29.1677, 5.6055



13.8734, 29.1677, 38.8060



19.4589, 29.1677, 94.6449

Sweetspot

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



48.6371, 29.1693, 25.6213



75.6349, 69.5665, 76.5421



45.8825, 26.1613, 97.2388



15.6926, 14.1215, 15.5267



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.



48.6371, 29.1693, 25.6213



45.1129, 24.5299, 17.0195



49.2106, 34.7026, 12.2904



18.2309, 18.0757, 19.8332



22.2799, 11.4012, 4.8582



2.2148, 1.1283, 0.7127

Inverse Universe

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



48.6371, 29.1693, 25.6213



45.1129, 24.5299, 17.0195



47.3696, 60.5624, 103.8005



18.2309, 18.0757, 19.8332



22.2799, 11.4012, 4.8582



2.2148, 1.1283, 0.7127

Previews

White Background



This preview shows how the XYZ color 48.6363, 29.1677, 25.6208 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 48.6363, 29.1677, 25.6208 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 48.6363, 29.1677, 25.6208

Background



This preview shows how black text looks on a background with the XYZ color 48.6363, 29.1677, 25.6208.



This preview shows how white text looks on a background with the XYZ color 48.6363, 29.1677,

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

48.6363, 29.1677, 25.6208

Protanopia

28.7680, 29.2620, 41.6680

Deuteranopia

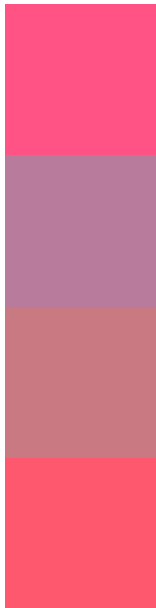
29.8011, 29.2874, 23.8210



Tritanopia

46.3604, 29.2093, 14.2608

Trichromacy



Original Color

48.6363, 29.1677, 25.6208

Protanomaly

32.8509, 26.7566, 34.8856

Deuteranomaly

34.6192, 27.5391, 24.2598

Tritanomaly

47.1772, 29.1761, 17.8969

Monochromacy



Original Color

48.6363, 29.1677, 25.6208

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

30.4757, 24.9737, 27.2589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6363, 29.1677, 25.6208 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(255, 83, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 83, 134)  
}
```

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(255, 83, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 83, 134) }
```

Border

The CSS property to change the border of an element to XYZ 48.6363, 29.1677, 25.6208 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(255, 83, 134) }
```


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

```
.border{ border-color:rgb(255, 83, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 83, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 83, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 83, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 83,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6363, 29.1677, 25.6208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 83, 134) }
```

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

```
.background{ background-color: rgb(255, 83,  
134) }
```

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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