

Converting Colors

XYZ(48.2025, 27.9563, 26.5362)

Have a look what the booklet for
XYZ(48.2025, 27.9563, 26.5362)
contains.

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Color

**XYZ(48.2041, 27.9637,
26.5238)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4A89
RGB	255, 74, 137
RGB Percent	100%, 29%, 54%
CMY	0.0000, 0.7098, 0.4627
CMYK	0.00, 0.71, 0.46, 0.00
HSL	339°, 100%, 65%
HSV	339°, 71%, 100%
XYZ	48.2041, 27.9637, 26.5238
YIQ	135.3010, 87.6530, 57.9650

Conversions

Conversions Part 2

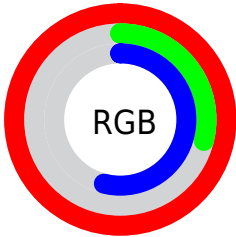
Format	Color
R _Y B	255, 74, 137
Decimal	16730761
CIE Lab	59.86, 71.77, 5.88
CIE LCh	60, 72.011, 4.683
Yxy	27.9637, 0.4694, 0.2723
Android (android.graphics.Color)	4294920841 (0xFFFF4A89)
YUV	135.3010, 0.8376, 104.9760
Hunter-Lab	52.8807, 70.1727, 7.2779

Details

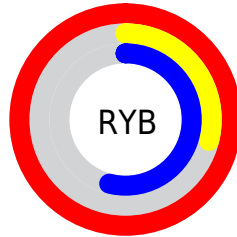
The XYZ color **48.2041, 27.9637, 26.5238** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **48.1005, 76.7823, 62.1610**, and the grayscale version is **23.1169, 24.3207, 26.4853**.

A 20% lighter version of the original color is **59.1982, 42.3057, 53.7609**, and **23.7538, 12.0420, 10.3049** is the 20% darker color. If you saturate the color by 10%, you get **45.7309, 24.7812, 20.2619**, and if you desaturate by 10%, it is **51.5520, 32.6016, 33.9844**.

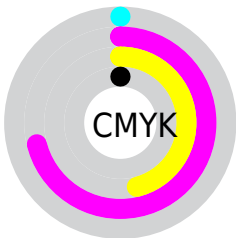
Distribution



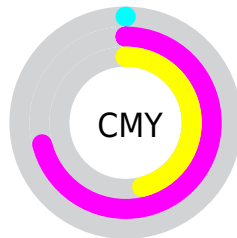
- Red (100%)
- Green (29%)
- Blue (54%)



- Red (100%)
- Yellow (29%)
- Blue (54%)



- Cyan (0%)
- Magenta (71%)
- Yellow (46%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2041, 27.9637, 26.5238 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 48.2041, 27.9637, 26.5238 by changing the saturation by 10% instead.


 48.2041, 27.9637,
26.5238


 48.2041, 27.9637,
26.5238


370.1697,
292.2934, 299.0309


 34.2005, 18.2983,
16.9866

 86.7161, 56.4265,
55.1132


 23.2113, 11.1644,
10.0631


 111.9551, 75.9927,
75.0025

 14.8711, 6.1775,
5.3347


 141.6700, 99.6279,
99.1796

 8.8147, 2.9533,
2.3828

 176.2261,
127.7165, 128.0630

 4.6767, 1.1074,
0.7770

215.9888,
160.6430, 162.0713

 2.0916, 0.0000,
0.0000

261.3234,

 0.6847, 0.0000,

198.7917, 201.6230

0.0000

312.5952,
242.5471, 247.1367

■ 0.0000, 0.0000,
0.0000

■ 48.2041, 27.9637,
26.5238

■ 48.2041, 27.9637,
26.5238

■ 45.7309, 24.7812,
20.2619

■ 51.5520, 32.6016,
33.9844

■ 44.0325, 22.8676,
15.1233


■ 55.8545, 38.8420,
42.7083


■ 43.0324, 21.9769,
11.3694

■ 61.1845, 46.8190,
52.7566

■ 67.6069, 56.6511,
64.1854

■ 75.1812, 68.4464,
77.0474

 83.9621, 82.3046,
91.3923

 94.0011, 98.3186,
107.2673

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.



45.8231, 27.9637, 57.4164



48.2041, 27.9637, 26.5238



43.7927, 27.9637, 9.8592

Triad

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



48.2041, 27.9637, 26.5238



17.7859, 27.9637, 4.9896



19.7540, 27.9637, 102.2925

Complementary

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



48.2041, 27.9637, 26.5238



48.1005, 76.7823, 62.1610

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.



14.5953, 27.9637, 68.9690



48.2041, 27.9637, 26.5238



13.6549, 27.9637, 13.6070

Square

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



48.2041, 27.9637, 26.5238



25.1707, 27.9637, 2.7975



12.6370, 27.9637, 34.7407



28.0382, 27.9637, 113.1122

Rectangle

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



48.2041, 27.9637, 26.5238



38.0783, 27.9637, 5.0860



12.6370, 27.9637, 34.7407



17.6642, 27.9637, 92.6833

Sweetspot

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



48.2048, 27.9653, 26.5243



75.1615, 68.4153, 77.0145



42.1502, 23.2805, 96.8794



15.6148, 13.9036, 15.6930



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.



48.2048, 27.9653, 26.5243



44.9605, 23.8700, 18.0633



47.1456, 31.0930, 9.9974



18.2704, 18.0915, 20.0409



22.5488, 11.5088, 6.2742



2.2448, 1.1403, 0.8703

Inverse Universe

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



48.2048, 27.9653, 26.5243



44.9605, 23.8700, 18.0633



48.5775, 64.0814, 104.4161



18.2704, 18.0915, 20.0409



22.5488, 11.5088, 6.2742



2.2448, 1.1403, 0.8703

Previews

White Background



This preview shows how the XYZ color 48.2041, 27.9637, 26.5238 looks on a white background.

Color Contrast Check

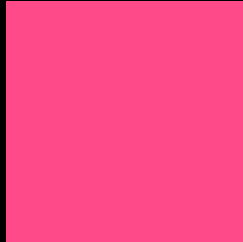
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.2041, 27.9637, 26.5238 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 48.2041, 27.9637, 26.5238

Background



This preview shows how black text looks on a background with the XYZ color 48.2041, 27.9637, 26.5238.

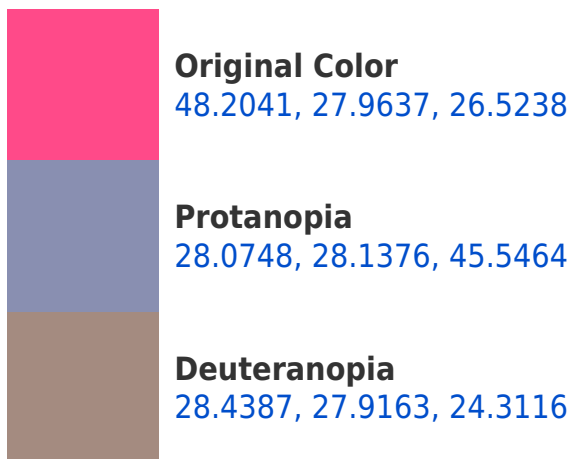


This preview shows how white text looks on a background with the XYZ color 48.2041, 27.9637,

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

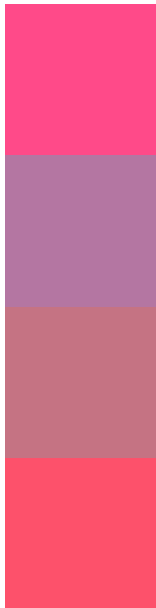




Tritanopia

45.2388, 27.9306, 12.6797

Trichromacy



Original Color

48.2041, 27.9637, 26.5238

Protanomaly

31.8224, 25.2688, 37.3826

Deuteranomaly

33.2534, 25.7705, 24.6943

Tritanomaly

46.1043, 27.8290, 16.8515

Monochromacy



Original Color

48.2041, 27.9637, 26.5238

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

28.9395, 23.1715, 26.2398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2041, 27.9637, 26.5238 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, 74, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 137)  
}
```

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, 74, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 137) }
```

Border

The CSS property to change the border of an element to XYZ 48.2041, 27.9637, 26.5238 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, 74, 137) }
```


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

```
.border{ border-color:rgb(255, 74, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 74, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 74,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2041, 27.9637, 26.5238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 74, 137) }
```

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

```
.background{ background-color: rgb(255, 74,  
137) }
```

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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