

Converting Colors

XYZ(47.3741, 27.6263, 22.1693)

Have a look what the booklet for
XYZ(47.3741, 27.6263, 22.1693)
contains.

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Color

**XYZ(47.3905, 27.6382,
22.2390)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4A7D
RGB	255, 74, 125
RGB Percent	100%, 29%, 49%
CMY	0.0000, 0.7098, 0.5098
CMYK	0.00, 0.71, 0.51, 0.00
HSL	343°, 100%, 65%
HSV	343°, 71%, 100%
XYZ	47.3905, 27.6382, 22.2390
YIQ	133.9330, 91.5050, 54.2330

Conversions

Conversions Part 2

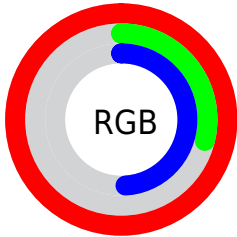
Format	Color
R_{YB}	255, 74, 125
Decimal	16730749
CIE _{Lab}	59.56, 70.79, 12.49
CIE _{LCh}	60, 71.882, 10.009
Yxy	27.6382, 0.4872, 0.2841
Android (android.graphics.Color)	4294920829 (0xFFFF4A7D)
YUV	133.9330, -4.4040, 106.1758
Hunter-Lab	52.5720, 68.9058, 11.7196

Details

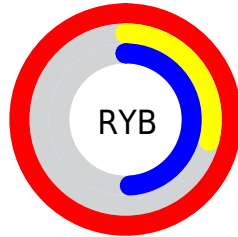
The XYZ color **47.3905, 27.6382, 22.2390** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **49.4853, 77.3364, 69.4529**, and the grayscale version is **22.6292, 23.8077, 25.9265**.

A 20% lighter version of the original color is **57.7009, 41.4845, 46.5611**, and **23.0778, 11.7423, 8.0713** is the 20% darker color. If you saturate the color by 10%, you get **44.9552, 24.4709, 16.1770**, and if you desaturate by 10%, it is **50.7324, 32.2737, 29.6681**.

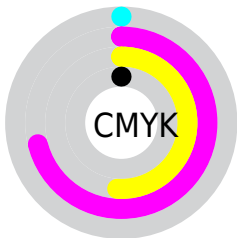
Distribution



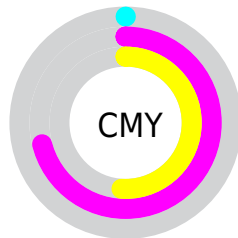
- Red (100%)
- Green (29%)
- Blue (49%)



- Red (100%)
- Yellow (29%)
- Blue (49%)



- Cyan (0%)
- Magenta (71%)
- Yellow (51%)
- Black (0%)




- Cyan (0%)
- Magenta (71%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3905, 27.6382, 22.2390 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 47.3905, 27.6382, 22.2390 by changing the saturation by 10% instead.


 47.3905, 27.6382,
22.2390


 47.3905, 27.6382,
22.2390

366.9940,
290.7340, 276.7860

 33.5537, 18.0531,
13.8326


 85.5114, 55.9063,
48.0479


 22.7122, 10.9881,
7.8669


 110.5263, 75.3581,
66.2876

 14.5007, 6.0589,
3.9234


 139.9978, 98.8676,
88.6421

 8.5537, 2.8809,
1.5834

 174.2915,
126.8191, 115.5299

 4.5060, 1.0699,
0.2789

213.7726,
159.5971, 147.3697

 1.9922, 0.0000,
0.0000

258.8065,

 0.6296, 0.0000,

197.5860, 184.5800

0.0000

309.7585,
241.1702, 227.5792

■ 0.0000, 0.0000,
0.0000

■ 47.3905, 27.6382,
22.2390

■ 47.3905, 27.6382,
22.2390

■ 44.9552, 24.4709,
16.1770

■ 50.7324, 32.2737,
29.6681

■ 43.3233, 22.5839,
11.3885


■ 55.0640, 38.5257,
38.5454

■ 42.4044, 21.7258,
8.0621

■ 60.4611, 46.5295,
48.9470

■ 66.9911, 56.4046,
60.9426

■ 74.7159, 68.2601,
74.5975

 83.6926, 82.1967,
89.9734

 93.9747, 98.3079,
107.1285

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



46.2393, 27.6382, 50.5370



47.3905, 27.6382, 22.2390



41.9705, 27.6382, 8.0850

Triad

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



47.3905, 27.6382, 22.2390



16.5985, 27.6382, 5.7924



20.7605, 27.6382, 105.3738

Complementary

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



47.3905, 27.6382, 22.2390



49.4853, 77.3364, 69.4529

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.



15.0722, 27.6382, 74.8231



47.3905, 27.6382, 22.2390



13.0797, 27.6382, 16.0741

Square

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



47.3905, 27.6382, 22.2390



23.3606, 27.6382, 2.8653



12.5938, 27.6382, 39.6083



29.4099, 27.6382, 110.6312

Rectangle

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



47.3905, 27.6382, 22.2390



35.9579, 27.6382, 4.2831



12.5938, 27.6382, 39.6083



18.4990, 27.6382, 97.1393

Sweetspot

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



47.3912, 27.6398, 22.2394



74.6959, 68.2291, 74.5625



45.3246, 24.9169, 97.0282



15.5053, 13.8598, 15.1164



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.



47.3912, 27.6398, 22.2394



44.2083, 23.5691, 14.1025



48.4067, 33.6152, 10.4177



18.2197, 18.0712, 19.7741



22.2118, 11.3740, 4.5000



2.2070, 1.1252, 0.6714

Inverse Universe

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



47.3912, 27.6398, 22.2394



44.2083, 23.5691, 14.1025



45.3759, 57.6783, 103.3491



18.2197, 18.0712, 19.7741



22.2118, 11.3740, 4.5000



2.2070, 1.1252, 0.6714

Previews

White Background



This preview shows how the XYZ color 47.3905, 27.6382, 22.2390 looks on a white background.

Color Contrast Check

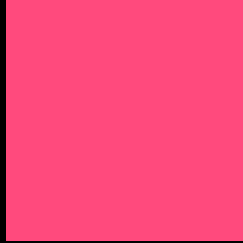
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.3905, 27.6382, 22.2390 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 47.3905, 27.6382, 22.2390

Background



This preview shows how black text looks on a background with the XYZ color 47.3905, 27.6382, 22.2390.



This preview shows how white text looks on a background with the XYZ color 47.3905, 27.6382,

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

47.3905, 27.6382, 22.2390

Protanopia

27.3286, 27.9163, 38.1304

Deuteranopia

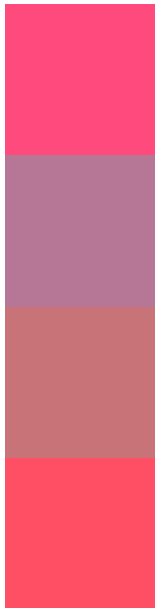
28.1772, 27.6534, 20.3755



Tritanopia

45.2456, 27.6054, 11.9605

Trichromacy



Original Color

47.3905, 27.6382, 22.2390

Protanomaly

31.1947, 25.0719, 31.6290

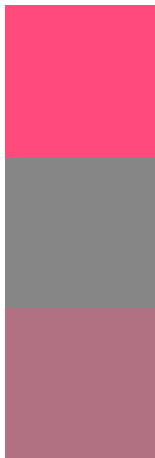
Deuteranomaly

33.0137, 25.7355, 20.6802

Tritanomaly

46.0180, 27.6024, 15.2143

Monochromacy



Original Color

47.3905, 27.6382, 22.2390

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

28.2510, 22.6920, 24.3637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3905, 27.6382, 22.2390 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 125) }
```

Border

The CSS property to change the border of an element to XYZ 47.3905, 27.6382, 22.2390 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, 125) }
```


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

```
.border{ border-color:rgb(255, 74, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 74,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3905, 27.6382, 22.2390 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, 125) }
```

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

```
.background{ background-color: rgb(255, 74,  
125) }
```

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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