

Converting Colors

XYZ(47.6087, 28.5870, 20.7327)

Have a look what the booklet for
XYZ(47.6087, 28.5870, 20.7327)
contains.

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Color

**XYZ(47.6475, 28.6507,
20.7881)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF5278 |
| RGB | 255, 82, 120 |
| RGB Percent | 100%, 32%, 47% |
| CMY | 0.0000, 0.6784, 0.5294 |
| CMYK | 0.00, 0.68, 0.53, 0.00 |
| HSL | 347°, 100%, 66% |
| HSV | 347°, 68%, 100% |
| XYZ | 47.6475, 28.6507, 20.7881 |
| YIQ | 138.0590, 90.9100, 48.4940 |

Conversions

Conversions Part 2

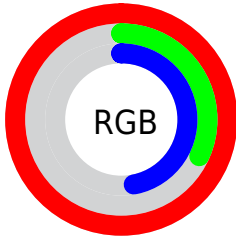
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 255, 82, 120 |
| Decimal | 16732792 |
| CIELab | 60.47, 67.57, 16.68 |
| CIELCh | 60, 69.603, 13.870 |
| Yxy | 28.6507, 0.4908, 0.2951 |
| Android (android.graphics.Color) | 4294922872 (0xFFFF5278) |
| YUV | 138.0590, -8.9031, 102.5573 |
| Hunter-Lab | 53.5263, 65.2241, 14.4419 |

Details

The XYZ color **47.6475, 28.6507, 20.7881** is a light color, and the websafe version is hex **FF3366**. The color can be described as light muted rose. A complement of this color would be **51.7663, 78.3244, 78.0426**, and the grayscale version is **24.1902, 25.4500, 27.7151**.

A 20% lighter version of the original color is **58.2113, 43.2883, 44.3171**, and **22.9079, 11.6743, 7.1769** is the 20% darker color. If you saturate the color by 10%, you get **44.9841, 25.0602, 14.5483**, and if you desaturate by 10%, it is **51.2773, 33.7728, 28.5887**.

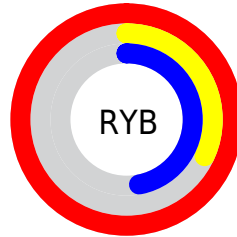
Distribution



Red (100%)

Green (32%)

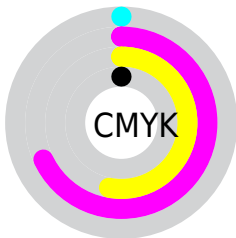
Blue (47%)



Red (100%)

Yellow (32%)

Blue (47%)

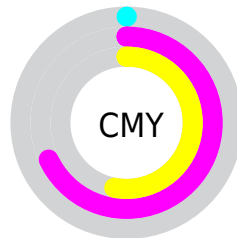


Cyan (0%)

Magenta (68%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (68%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6475, 28.6507, 20.7881 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 47.6475, 28.6507, 20.7881 by changing the saturation by 10% instead.


 47.6475, 28.6507,
20.7881


 47.6475, 28.6507,
20.7881


367.9991,
295.5633, 268.8942

 33.7579, 18.8167,
12.7795


 85.8922, 57.5217,
45.6108


 22.8697, 11.5379,
7.1479

 110.9780, 77.3274,
63.2620

 14.6175, 6.4299,
3.4749


 140.5267,
101.2259, 84.9644

 8.6359, 3.1082,
1.3420

 174.9034,
129.6016, 111.1366

 4.5597, 1.1885,
0.0958

214.4737,
162.8387, 142.1971

 2.0234, 0.0523,
0.0000

259.6028,

 0.6470, 0.0000,

201.3218, 178.5645

0.0000

310.6562,
245.4352, 220.6574

■ 0.0000, 0.0000,
0.0000

■ 47.6475, 28.6507,
20.7881

■ 47.6475, 28.6507,
20.7881

■ 44.9841, 25.0602,
14.5483

■ 51.2773, 33.7728,
28.5887

■ 43.1855, 22.8227,
9.7574

■ 55.9567, 40.5692,
38.0477

■ 42.1233, 21.7090,
6.2868

■ 61.7619, 49.1716,
49.2561

■ 41.9537, 21.5454,
5.6888

■ 68.7614, 59.6971,
62.2978

■ 77.0182, 72.2530,
77.2509

86.5907, 86.9387,
94.1891

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.



47.3922, 28.6507, 47.0331



47.6475, 28.6507, 20.7881



41.6573, 28.6507, 7.9556

Triad

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



47.6475, 28.6507, 20.7881



16.9406, 28.6507, 7.4141



22.7146, 28.6507, 106.7924

Complementary

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



47.6475, 28.6507, 20.7881



51.7663, 78.3244, 78.0426

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.



16.5923, 28.6507, 79.4883



47.6475, 28.6507, 20.7881



13.7942, 28.6507, 19.3846

Square

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



47.6475, 28.6507, 20.7881



23.3021, 28.6507, 3.6140



13.6825, 28.6507, 44.6008



31.5798, 28.6507, 107.9424

Rectangle

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



47.6475, 28.6507, 20.7881



35.5576, 28.6507, 4.5413



13.6825, 28.6507, 44.6008



20.3188, 28.6507, 99.8949

Sweetspot

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



47.6482, 28.6523, 20.7886



75.1243, 69.3623, 73.8535



48.9856, 27.6483, 97.3623



15.5719, 14.0732, 14.8914



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.



47.6482, 28.6523, 20.7886



44.3273, 24.2156, 12.8827



50.5010, 37.3446, 12.5315



18.1726, 18.0524, 19.5263



21.9667, 11.2760, 3.2091



2.1774, 1.1133, 0.5156

Inverse Universe

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



47.6482, 28.6523, 20.7886



44.3273, 24.2156, 12.8827



44.2991, 54.5512, 102.8021



18.1726, 18.0524, 19.5263



21.9667, 11.2760, 3.2091



2.1774, 1.1133, 0.5156

Previews

White Background



This preview shows how the XYZ color 47.6475, 28.6507, 20.7881 looks on a white background.

Color Contrast Check

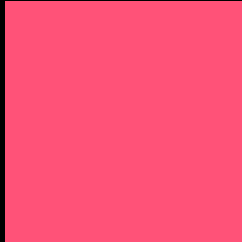
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6475, 28.6507, 20.7881 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 47.6475, 28.6507, 20.7881

Background



This preview shows how black text looks on a background with the XYZ color 47.6475, 28.6507, 20.7881.



This preview shows how white text looks on a background with the XYZ color 47.6475, 28.6507,

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

47.6475, 28.6507, 20.7881

Protanopia

27.8255, 28.7208, 33.7829

Deuteranopia

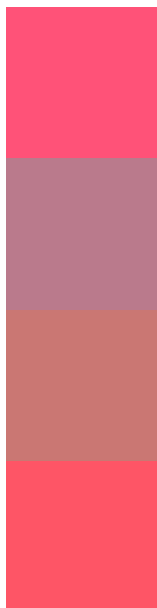
29.3160, 28.6967, 19.3231



Tritanopia

45.8480, 28.4717, 13.2044

Trichromacy



Original Color

47.6475, 28.6507, 20.7881

Protanomaly

31.9429, 26.2516, 28.1944

Deuteranomaly

34.0485, 26.9880, 19.6343

Tritanomaly

46.5198, 28.5271, 15.6248

Monochromacy



Original Color

47.6475, 28.6507, 20.7881

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

29.6312, 24.4193, 24.6244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6475, 28.6507, 20.7881 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, 82, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 82, 120)  
}
```

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, 82, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 120) }
```

Border

The CSS property to change the border of an element to XYZ 47.6475, 28.6507, 20.7881 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, 82, 120) }
```


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

```
.border{ border-color:rgb(255, 82, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 82, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6475, 28.6507, 20.7881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 120) }
```

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

```
.background{ background-color: rgb(255, 82,  
120) }
```

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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