

Converting Colors

XYZ(47.3976, 28.0210, 21.1051)

Have a look what the booklet for
XYZ(47.3976, 28.0210, 21.1051)
contains.

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Color

**XYZ(47.3451, 27.9482,
20.9883)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4D79
RGB	255, 77, 121
RGB Percent	100%, 30%, 47%
CMY	0.0000, 0.6980, 0.5255
CMYK	0.00, 0.70, 0.53, 0.00
HSL	345°, 100%, 65%
HSV	345°, 70%, 100%
XYZ	47.3451, 27.9482, 20.9883
YIQ	135.2380, 91.9640, 51.4200

Conversions

Conversions Part 2

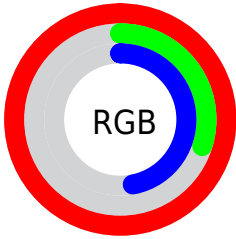
Format	Color
R_{YB}	255, 77, 121
Decimal	16731513
CIE Lab	59.84, 69.45, 15.23
CIE LCh	60, 71.099, 12.369
Yxy	27.9482, 0.4917, 0.2903
Android (android.graphics.Color)	4294921593 (0xFFFF4D79)
YUV	135.2380, -7.0193, 105.0313
Hunter-Lab	52.8661, 67.3431, 13.4676

Details

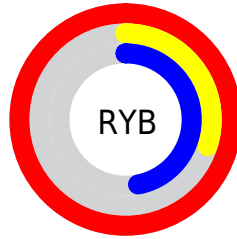
The XYZ color **47.3451, 27.9482, 20.9883** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **50.5806, 77.8018, 73.9864**, and the grayscale version is **23.1204, 24.3245, 26.4894**.

A 20% lighter version of the original color is **57.7285, 42.1685, 44.6319**, and **22.9408, 11.6875, 7.3501** is the 20% darker color. If you saturate the color by 10%, you get **44.8347, 24.6279, 14.9097**, and if you desaturate by 10%, it is **50.7900, 32.7628, 28.5346**.

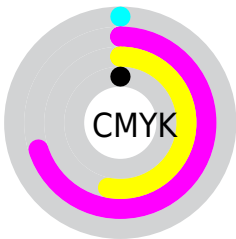
Distribution



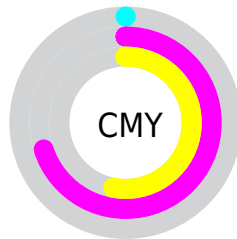
- Red (100%)
- Green (30%)
- Blue (47%)



- Red (100%)
- Yellow (30%)
- Blue (47%)



- Cyan (0%)
- Magenta (70%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3451, 27.9482, 20.9883 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 47.3451, 27.9482, 20.9883 by changing the saturation by 10% instead.


 47.3451, 27.9482,
20.9883


 47.3451, 27.9482,
20.9883


366.8163,
292.2193, 269.9953

 33.5176, 18.2866,
12.9243


 85.4441, 56.4017,
45.9486


 22.6844, 11.1560,
7.2463


 110.4464, 75.9625,
63.6820

 14.4801, 6.1718,
3.5358


 139.9044, 99.5917,
85.4755

 8.5392, 2.9498,
1.3743

 174.1833,
127.6738, 111.7479

 4.4966, 1.1056,
0.1216

213.6486,
160.5933, 142.9174

 1.9867, 0.0000,
0.0000

258.6656,

 0.6265, 0.0000,

198.7344, 179.4029

0.0000

309.5998,
242.4816, 221.6226

■ 0.0000, 0.0000,
0.0000

■ 47.3451, 27.9482,
20.9883

■ 47.3451, 27.9482,
20.9883

■ 44.8347, 24.6279,
14.9097

■ 50.7900, 32.7628,
28.5346

■ 43.1557, 22.6177,
10.1950

■ 55.2530, 39.2182,
37.6391


■ 42.1541, 21.6345,
6.7166

■ 60.8107, 47.4484,
48.3861

■ 42.1377, 21.6191,
6.6579

■ 67.5313, 57.5723,
60.8534

■ 75.4775, 69.6983,
75.1134

 84.7074, 83.9268,
91.2344

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.



46.7423, 27.9482, 48.0774



47.3451, 27.9482, 20.9883



41.5371, 27.9482, 7.7396

Triad

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



47.3451, 27.9482, 20.9883



16.5120, 27.9482, 6.5169



21.6525, 27.9482, 106.4850

Complementary

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



47.3451, 27.9482, 20.9883



50.5806, 77.8018, 73.9864

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.



15.7060, 27.9482, 77.6364



47.3451, 27.9482, 20.9883



13.2331, 27.9482, 17.7363

Square

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



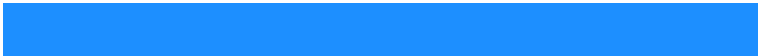
47.3451, 27.9482, 20.9883



23.0215, 27.9482, 3.1372



12.9760, 27.9482, 42.3502



30.4523, 27.9482, 109.2266

Rectangle

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



47.3451, 27.9482, 20.9883



35.4402, 27.9482, 4.2366



12.9760, 27.9482, 42.3502



19.3092, 27.9482, 98.9939

Sweetspot

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



47.3458, 27.9498, 20.9888



74.4570, 68.1335, 73.3045



47.4263, 26.3049, 97.1852



15.4493, 13.8374, 14.8213



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.



47.3458, 27.9498, 20.9888



44.0347, 23.6355, 12.7695



49.4792, 35.5946, 11.2859



18.1935, 18.0607, 19.6359



22.0673, 11.3162, 3.7388



2.1898, 1.1183, 0.5811

Inverse Universe

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



47.3458, 27.9498, 20.9888



44.0347, 23.6355, 12.7695



44.2823, 55.1400, 102.9167



18.1935, 18.0607, 19.6359



22.0673, 11.3162, 3.7388



2.1898, 1.1183, 0.5811

Previews

White Background



This preview shows how the XYZ color 47.3451, 27.9482, 20.9883 looks on a white background.

Color Contrast Check

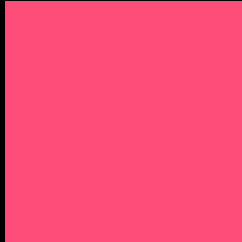
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.3451, 27.9482, 20.9883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

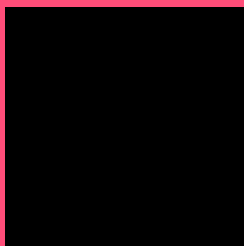
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 47.3451, 27.9482, 20.9883

Background



This preview shows how black text looks on a background with the XYZ color 47.3451, 27.9482, 20.9883.



This preview shows how white text looks on a background with the XYZ color 47.3451, 27.9482,

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

47.3451, 27.9482, 20.9883

Protanopia

27.3913, 28.2424, 35.0180

Deuteranopia

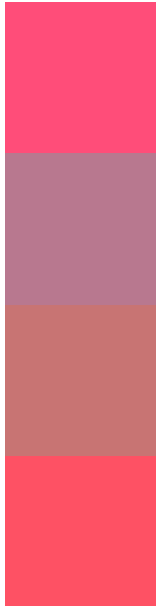
28.5194, 28.0701, 19.2442



Tritanopia

45.4398, 27.9279, 12.2282

Trichromacy



Original Color

47.3451, 27.9482, 20.9883

Protanomaly

31.4416, 25.6065, 29.2720

Deuteranomaly

33.1593, 26.0079, 19.4920

Tritanomaly

46.1157, 27.8758, 15.0066

Monochromacy



Original Color

47.3451, 27.9482, 20.9883

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

28.6370, 23.2300, 24.0936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3451, 27.9482, 20.9883 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, 77, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 121)  
}
```

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, 77, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 121) }
```

Border

The CSS property to change the border of an element to XYZ 47.3451, 27.9482, 20.9883 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, 77, 121) }
```


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

```
.border{ border-color:rgb(255, 77, 121) }
```

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

Here you see how a box with a 4 pixel rgb(255, 77, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3451, 27.9482, 20.9883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 121) }
```

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

```
.background{ background-color: rgb(255, 77,  
121) }
```

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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