

Converting Colors

$Y_{xy}(30.7862, 0.4788, 0.3013)$

Have a look what the booklet for
Yxy(30.7862, 0.4788, 0.3013)
contains.

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Color

Yxy(30.7206, 0.4791, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	FF5E7C
RGB	255, 94, 124
RGB Percent	100%, 37%, 49%
CMY	0.0000, 0.6313, 0.5137
CMYK	0.00, 0.63, 0.51, 0.00
HSL	349°, 100%, 68%
HSV	349°, 63%, 100%
XYZ	48.8816, 30.7206, 22.4257
YIQ	145.5590, 86.3260, 43.4620

Conversions

Conversions Part 2

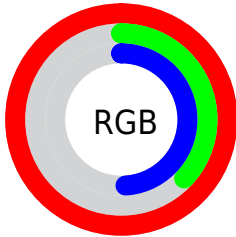
Format	Color
RYB	255, 94, 124
Decimal	16735868
CIELab	62.27, 63.22, 16.84
CIElCh	62, 65.424, 14.914
Yxy	30.7206, 0.4791, 0.3011
Android (android.graphics.Color)	4294925948 (0xFFFF5E7C)
YUV	145.5590, -10.6286, 95.9798
Hunter-Lab	55.4262, 60.4273, 14.8093

Details

The Yxy color **30.7206, 0.4791, 0.3011** 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 **79.3361, 0.2487, 0.3656**, and the grayscale version is **28.5743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.5278, 0.3917, 0.3030**, and **12.7380, 0.5332, 0.2861** is the 20% darker color. If you saturate the color by 10%, you get **26.4404, 0.5214, 0.3010**, and if you desaturate by 10%, it is **36.6116, 0.4395, 0.3037**.

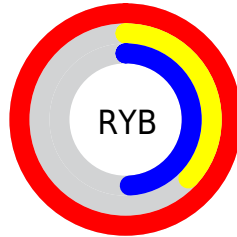
Distribution



Red (100%)

Green (37%)

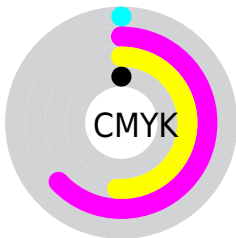
Blue (49%)



Red (100%)

Yellow (37%)

Blue (49%)

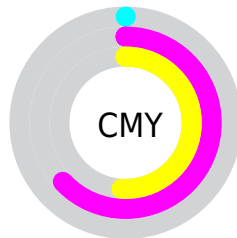


Cyan (0%)

Magenta (63%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (63%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7206, 0.4791, 0.3011 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 Yxy color 30.7206, 0.4791, 0.3011 by changing the saturation by 10% instead.


 30.7206, 0.4791,
0.3011


 30.7206, 0.4791,
0.3011


305.2491, 0.3900,
0.3194


 20.3862, 0.5028,
0.2950


 60.7999, 0.4455,
0.3088


 12.6761, 0.5338,
0.2864


 81.3136, 0.4333,
0.3114

 7.2059, 0.5757,
0.2733


 105.9892, 0.4231,
0.3134

 3.5912, 0.6344,
0.2522

 135.2110, 0.4144,
0.3151

 1.4476, 0.7337,
0.2203

169.3635, 0.4070,
0.3164

 0.2514, 0.8964,
0.1036

208.8311, 0.4006,

 0.0000, 1.0000,

0.3176

0.0000

253.9982, 0.3950,
0.3185

■ 0.0000, 0.0000,
0.0000

■ 30.7206, 0.4791,
0.3011

■ 30.7206, 0.4791,
0.3011

■ 26.4404, 0.5214,
0.3010

■ 36.6116, 0.4395,
0.3037

■ 23.6054, 0.5625,
0.3042

■ 44.2481, 0.4049,
0.3078

■ 22.0221, 0.5970,
0.3107

■ 53.7560, 0.3757,
0.3127

■ 21.4695, 0.6149,
0.3161

■ 65.2482, 0.3519,
0.3178

■ 78.8286, 0.3325,
0.3228

94.5941, 0.3169,
0.3276

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



30.7206, 0.3837, 0.2412



30.7206, 0.4791, 0.3011



30.7206, 0.5163, 0.3693

Triad

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



30.7206, 0.4791, 0.3011



30.7206, 0.3184, 0.5210



30.7206, 0.1547, 0.1902

Complementary

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



30.7206, 0.4791, 0.3011



79.3361, 0.2487, 0.3656

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.



30.7206, 0.1438, 0.2357



30.7206, 0.4791, 0.3011



30.7206, 0.2281, 0.4471

Square

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



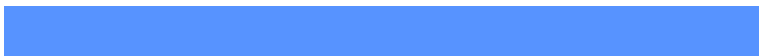
30.7206, 0.4791, 0.3011



30.7206, 0.4120, 0.5054



30.7206, 0.1667, 0.3269



30.7206, 0.1983, 0.1802

Rectangle

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



30.7206, 0.4791, 0.3011



30.7206, 0.5026, 0.4172



30.7206, 0.1667, 0.3269



30.7206, 0.1476, 0.2008

Sweetspot

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



30.7222, 0.4791, 0.3011



70.6041, 0.3434, 0.3199



30.8831, 0.2895, 0.1705



14.3108, 0.3492, 0.3185



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.7222, 0.4791, 0.3011



25.4879, 0.5336, 0.3016



41.5052, 0.4803, 0.3763



18.0424, 0.3265, 0.3246



11.2340, 0.6115, 0.3142



1.1079, 0.5824, 0.2982

Inverse Universe

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



30.7222, 0.4791, 0.3011



25.4879, 0.5336, 0.3016



54.0815, 0.2227, 0.2682



18.0424, 0.3265, 0.3246



11.2340, 0.6115, 0.3142



1.1079, 0.5824, 0.2982

Previews

White Background



This preview shows how the Yxy color 30.7206, 0.4791, 0.3011 looks on a white background.

Color Contrast Check

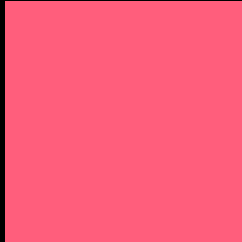
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 30.7206, 0.4791, 0.3011 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 ✓ Pass

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

Yxy 30.7206, 0.4791, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 30.7206, 0.4791, 0.3011.



This preview shows how white text looks on a background with the Yxy color 30.7206, 0.4791, 0.3011.

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

30.7206, 0.4791, 0.3011

Protanopia

30.8849, 0.3129, 0.3244

Deuteranopia

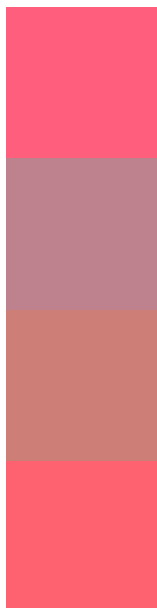
30.8589, 0.3780, 0.3714



Tritanopia

30.8057, 0.5021, 0.3240

Trichromacy



Original Color

30.7206, 0.4791, 0.3011

Protanomaly

28.8654, 0.3693, 0.3126

Deuteranomaly

29.2328, 0.4163, 0.3383

Tritanomaly

30.7679, 0.4938, 0.3164

Monochromacy



Original Color

30.7206, 0.4791, 0.3011

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.4528, 0.3705, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7206, 0.4791, 0.3011 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, 94, 124)` looks like.

```
.text, #text, p{  
  color:rgb(255, 94, 124)  
}
```

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, 94, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 124) }
```

Border

The CSS property to change the border of an element to Yxy 30.7206, 0.4791, 0.3011 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, 94, 124) }
```

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

```
.border{ border-color:rgb(255, 94, 124) }
```

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

Here you see how a box with a 4 pixel rgb(255, 94, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7206, 0.4791, 0.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 124) }
```

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

```
.background{ background-color: rgb(255, 94,  
124) }
```

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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