

Converting Colors

$Y_{xy}(32.8618, 0.4800, 0.2944)$

Have a look what the booklet for
Yxy(32.8618, 0.4800, 0.2944)
contains.

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Color

Yxy(30.5802, 0.4691, 0.2914)

Conversions

Conversions Part 1

Format	Color
Hex	FF5C84
RGB	255, 92, 132
RGB Percent	100%, 36%, 52%
CMY	0.0000, 0.6391, 0.4824
CMYK	0.00, 0.64, 0.48, 0.00
HSL	345°, 100%, 68%
HSV	345°, 64%, 100%
XYZ	49.2285, 30.5802, 25.1337
YIQ	145.2970, 84.3080, 46.9960

Conversions

Conversions Part 2

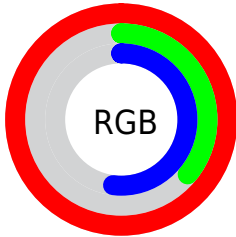
Format	Color
R _{YB}	255, 92, 132
Decimal	16735364
CIE Lab	62.15, 64.68, 12.06
CIE LCh	62, 65.794, 10.560
Yxy	30.5802, 0.4691, 0.2914
Android (android.graphics.Color)	4294925444 (0xFFFF5C84)
YUV	145.2970, -6.5554, 96.2095
Hunter-Lab	55.2994, 62.1299, 11.7621

Details

The Yxy color **30.5802, 0.4691, 0.2914** 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 **78.6970, 0.2523, 0.3786**, and the grayscale version is **28.4472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.5755, 0.3827, 0.2926**, and **12.6153, 0.5208, 0.2751** is the 20% darker color. If you saturate the color by 10%, you get **26.4024, 0.5086, 0.2908**, and if you desaturate by 10%, it is **36.3445, 0.4324, 0.2950**.

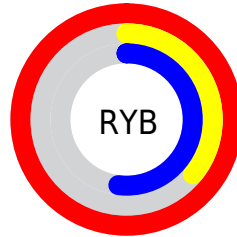
Distribution



Red (100%)

Green (36%)

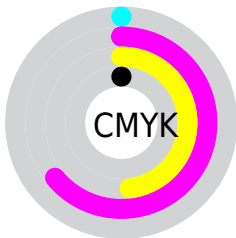
Blue (52%)



Red (100%)

Yellow (36%)

Blue (52%)

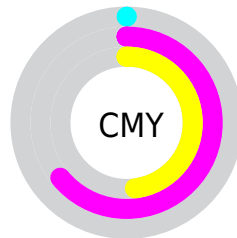


Cyan (0%)

Magenta (64%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (64%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.5802, 0.4691, 0.2914 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 30.5802, 0.4691, 0.2914 by changing the saturation by 10% instead.


 30.5802, 0.4691,
0.2914


 30.5802, 0.4691,
0.2914


304.5996, 0.3854,
0.3138

 20.2794, 0.4914,
0.2846

 60.5785, 0.4375,
0.3004


 12.5983, 0.5208,
0.2752


 81.0448, 0.4260,
0.3035

 7.1525, 0.5608,
0.2615


 105.6684, 0.4164,
0.3061

 3.5577, 0.6174,
0.2402

 134.8337, 0.4083,
0.3082

 1.4293, 0.7047,
0.2058

168.9251, 0.4013,
0.3099

 0.2382, 0.9031,
0.0969

208.3269, 0.3953,

 0.0000, 1.0000,

0.3114

0.0000

253.4236, 0.3901,
0.3127

■ 0.0000, 0.0000,
0.0000

■ 30.5802, 0.4691,
0.2914

■ 30.5802, 0.4691,
0.2914

■ 26.4024, 0.5086,
0.2908

■ 36.3445, 0.4324,
0.2950

■ 23.6447, 0.5477,
0.2941

■ 43.8296, 0.4002,
0.3005


■ 22.1125, 0.5819,
0.3016

■ 53.1613, 0.3730,
0.3070

■ 21.6116, 0.5990,
0.3073

■ 64.4519, 0.3507,
0.3137

■ 77.8050, 0.3324,
0.3204

 93.3168, 0.3177,
0.3267

99.9979, 0.3127,
0.3290

Harmonies

Analogous

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



30.5802, 0.3680, 0.2332



30.5802, 0.4691, 0.2914



30.5802, 0.5168, 0.3590

Triad

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



30.5802, 0.4691, 0.2914



30.5802, 0.3322, 0.5254



30.5802, 0.1503, 0.1935

Complementary

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



30.5802, 0.4691, 0.2914



78.6970, 0.2523, 0.3786

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.



30.5802, 0.1440, 0.2453



30.5802, 0.4691, 0.2914



30.5802, 0.2394, 0.4639

Square

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



30.5802, 0.4691, 0.2914



30.5802, 0.4249, 0.4987



30.5802, 0.1723, 0.3437



30.5802, 0.1891, 0.1790

Rectangle

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



30.5802, 0.4691, 0.2914



30.5802, 0.5091, 0.4068



30.5802, 0.1723, 0.3437



30.5802, 0.1446, 0.2060

Sweetspot

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



30.5819, 0.4691, 0.2914



70.7525, 0.3412, 0.3170



29.2110, 0.2815, 0.1655



14.3461, 0.3466, 0.3151



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.



30.5819, 0.4691, 0.2914



25.4095, 0.5210, 0.2914



38.7417, 0.4900, 0.3684



18.0601, 0.3256, 0.3232



11.3133, 0.5950, 0.3052



1.1180, 0.5637, 0.2879

Inverse Universe

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



30.5819, 0.4691, 0.2914



25.4095, 0.5210, 0.2914



57.7143, 0.2244, 0.2780



18.0601, 0.3256, 0.3232



11.3133, 0.5950, 0.3052



1.1180, 0.5637, 0.2879

Previews

White Background



This preview shows how the Yxy color 30.5802, 0.4691, 0.2914 looks on a white background.

Color Contrast Check

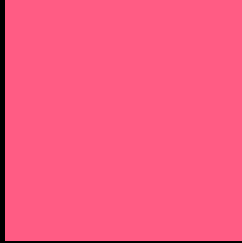
Large Text (above 18pt) WCAG AA × Fail

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 30.5802, 0.4691, 0.2914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

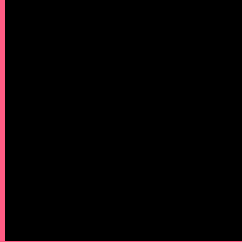
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5802, 0.4691, 0.2914

Background



This preview shows how black text looks on a background with the Yxy color 30.5802, 0.4691, 0.2914.



This preview shows how white text looks on a background with the Yxy color 30.5802, 0.4691, 0.2914.

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

30.5802, 0.4691, 0.2914

Protanopia

30.9411, 0.3007, 0.3092

Deuteranopia

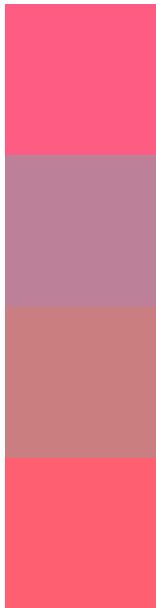
30.7047, 0.3661, 0.3601



Tritanopia

30.6175, 0.5013, 0.3240

Trichromacy



Original Color

30.5802, 0.4691, 0.2914

Protanomaly

28.6589, 0.3556, 0.2975

Deuteranomaly

29.1505, 0.4041, 0.3280

Tritanomaly

30.6515, 0.4905, 0.3126

Monochromacy



Original Color

30.5802, 0.4691, 0.2914

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.1294, 0.3673, 0.3094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5802, 0.4691, 0.2914 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, 92, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 132)  
}
```

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, 92, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 132) }
```

Border

The CSS property to change the border of an element to Yxy 30.5802, 0.4691, 0.2914 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, 92, 132) }
```

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

```
.border{ border-color:rgb(255, 92, 132) }
```

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

Here you see how a box with a 4 pixel rgb(255, 92, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5802, 0.4691, 0.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 132) }
```

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

```
.background{ background-color: rgb(255, 92,  
132) }
```

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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