

Converting Colors

$Y_{xy}(30.5814, 0.4480, 0.2731)$

Have a look what the booklet for
Yxy(30.5814, 0.4480, 0.2731)
contains.

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Color

Yxy(30.5429, 0.4480, 0.2728)

Conversions

Conversions Part 1

Format	Color
Hex	FF5994
RGB	255, 89, 148
RGB Percent	100%, 35%, 58%
CMY	0.0000, 0.6510, 0.4197
CMYK	0.00, 0.65, 0.42, 0.00
HSL	339°, 100%, 67%
HSV	339°, 65%, 100%
XYZ	50.1584, 30.5429, 31.2594
YIQ	145.3600, 79.9970, 53.5410

Conversions

Conversions Part 2

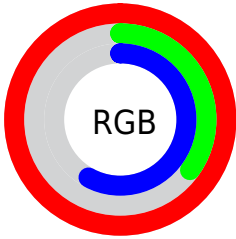
Format	Color
R_{YB}	255, 89, 148
Decimal	16734612
CIE _{Lab}	62.12, 67.33, 2.75
CIE _{LCh}	62, 67.386, 2.340
Yxy	30.5429, 0.4480, 0.2728
Android (android.graphics.Color)	4294924692 (0xFFFF5994)
YUV	145.3600, 1.3015, 96.1543
Hunter-Lab	55.2656, 65.2896, 5.1502

Details

The Yxy color **30.5429, 0.4480, 0.2728** 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 **77.6309, 0.2595, 0.4042**, and the grayscale version is **28.4393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.3917, 0.3661, 0.2725**, and **12.5609, 0.4910, 0.2531** is the 20% darker color. If you saturate the color by 10%, you get **26.5246, 0.4814, 0.2707**, and if you desaturate by 10%, it is **36.1045, 0.4171, 0.2786**.

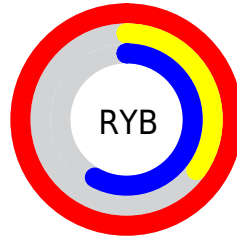
Distribution



Red (100%)

Green (35%)

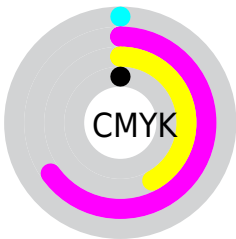
Blue (58%)



Red (100%)

Yellow (35%)

Blue (58%)

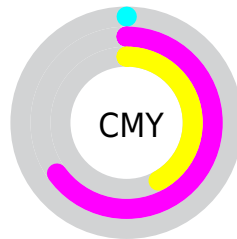


Cyan (0%)

Magenta (65%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (65%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5429, 0.4480, 0.2728 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 30.5429, 0.4480, 0.2728 by changing the saturation by 10% instead.

 30.5429, 0.4480,
0.2728


 30.5429, 0.4480,
0.2728

304.4269, 0.3761,
0.3031

 20.2510, 0.4671,
0.2646


 60.5197, 0.4209,
0.2843


 12.5777, 0.4923,
0.2536


 80.9734, 0.4111,
0.2885

 7.1384, 0.5268,
0.2385


 105.5832, 0.4028,
0.2920

 3.5488, 0.5763,
0.2164

 134.7334, 0.3958,
0.2949

 1.4245, 0.6515,
0.1821

168.8085, 0.3898,
0.2974

 0.2347, 0.8870,
0.0890

208.1929, 0.3847,

 0.0000, 1.0000,

0.2996

0.0000

253.2709, 0.3801,
0.3015

■ 0.0000, 0.0000,
0.0000

■ 30.5429, 0.4480,
0.2728

■ 30.5429, 0.4480,
0.2728

■ 26.5246, 0.4814,
0.2707

■ 36.1045, 0.4171,
0.2786

■ 23.8866, 0.5152,
0.2733

■ 43.3482, 0.3899,
0.2867

■ 22.4297, 0.5466,
0.2811

■ 52.3980, 0.3667,
0.2960

■ 22.0083, 0.5606,
0.2862

■ 63.3658, 0.3473,
0.3058

■ 76.3545, 0.3314,
0.3154

91.4596, 0.3184,
0.3246

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.



30.5429, 0.3380, 0.2180



30.5429, 0.4480, 0.2728



30.5429, 0.5154, 0.3394

Triad

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



30.5429, 0.4480, 0.2728



30.5429, 0.3588, 0.5302



30.5429, 0.1424, 0.2007

Complementary

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



30.5429, 0.4480, 0.2728



77.6309, 0.2595, 0.4042

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.



30.5429, 0.1449, 0.2657



30.5429, 0.4480, 0.2728



30.5429, 0.2618, 0.4945

Square

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



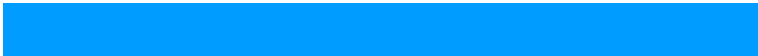
30.5429, 0.4480, 0.2728



30.5429, 0.4494, 0.4846



30.5429, 0.1841, 0.3783



30.5429, 0.1724, 0.1771

Rectangle

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



30.5429, 0.4480, 0.2728



30.5429, 0.5201, 0.3871



30.5429, 0.1841, 0.3783



30.5429, 0.1396, 0.2171

Sweetspot

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



30.5431, 0.4480, 0.2728



69.7260, 0.3388, 0.3107



25.8529, 0.2628, 0.1548



14.1593, 0.3434, 0.3080



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.



30.5431, 0.4480, 0.2728



25.6242, 0.4913, 0.2709



33.3804, 0.5107, 0.3497



18.0937, 0.3238, 0.3206



11.5255, 0.5563, 0.2838



1.1421, 0.5249, 0.2665

Inverse Universe

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



30.5431, 0.4480, 0.2728



25.6242, 0.4913, 0.2709



67.5469, 0.2291, 0.3019



18.0937, 0.3238, 0.3206



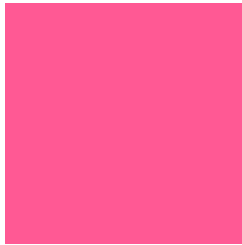
11.5255, 0.5563, 0.2838



1.1421, 0.5249, 0.2665

Previews

White Background



This preview shows how the Yxy color 30.5429, 0.4480, 0.2728 looks on a white background.

Color Contrast Check

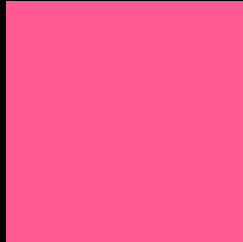
Large Text (above 18pt) WCAG AA × Fail

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 30.5429, 0.4480, 0.2728 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 30.5429, 0.4480, 0.2728

Background



This preview shows how black text looks on a background with the Yxy color 30.5429, 0.4480, 0.2728.



This preview shows how white text looks on a background with the Yxy color 30.5429, 0.4480, 0.2728.

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

30.5429, 0.4480, 0.2728

Protanopia

30.7952, 0.2763, 0.2770

Deuteranopia

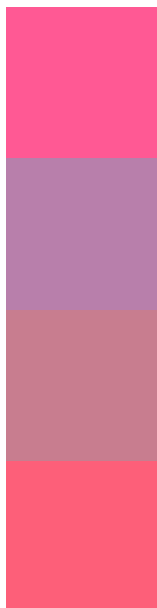
30.5793, 0.3436, 0.3365



Tritanopia

30.4507, 0.4992, 0.3230

Trichromacy



Original Color

30.5429, 0.4480, 0.2728

Protanomaly

28.3094, 0.3300, 0.2692

Deuteranomaly

28.9298, 0.3813, 0.3055

Tritanomaly

30.4475, 0.4808, 0.3047

Monochromacy



Original Color

30.5429, 0.4480, 0.2728

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.0568, 0.3603, 0.2997

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5429, 0.4480, 0.2728 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, 89, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 148)  
}
```

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, 89, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 148) }
```

Border

The CSS property to change the border of an element to Yxy 30.5429, 0.4480, 0.2728 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, 89, 148) }
```

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

```
.border{ border-color:rgb(255, 89, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 89, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 89, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 89, 148); box-shadow:4px 4px 4px 4px rgb(255, 89, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5429, 0.4480, 0.2728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 148) }
```

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

```
.background{ background-color: rgb(255, 89,  
148) }
```

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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