

Converting Colors

$Y_{xy}(35.0609, 0.4530, 0.3072)$

Have a look what the booklet for
Yxy(35.0609, 0.4530, 0.3072)
contains.

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Color

Yxy(35.0722, 0.4531, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	FF7288
RGB	255, 114, 136
RGB Percent	100%, 45%, 53%
CMY	0.0001, 0.5528, 0.4668
CMYK	0.00, 0.55, 0.47, 0.00
HSL	351°, 100%, 72%
HSV	351°, 55%, 100%
XYZ	51.6956, 35.0722, 27.3253
YIQ	158.6670, 76.9740, 36.7340

Conversions

Conversions Part 2

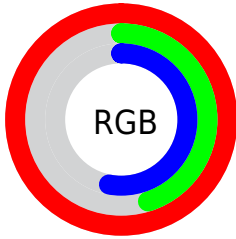
Format	Color
R_{YB}	255, 114, 136
Decimal	16741000
CIE _{Lab}	65.80, 55.53, 14.89
CIE _{LCh}	66, 57.494, 15.009
Yxy	35.0722, 0.4531, 0.3074
Android (android.graphics.Color)	4294931080 (0xFFFF7288)
YUV	158.6670, -11.1748, 84.4840
Hunter-Lab	59.2218, 52.1771, 14.0985

Details

The Yxy color **35.0722, 0.4531, 0.3074** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **80.9755, 0.2517, 0.3550**, and the grayscale version is **34.5390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6836, 0.3733, 0.3093**, and **15.1673, 0.4989, 0.2974** is the 20% darker color. If you saturate the color by 10%, you get **29.5483, 0.4951, 0.3058**, and if you desaturate by 10%, it is **42.3257, 0.4158, 0.3105**.

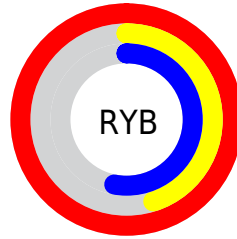
Distribution



Red (100%)

Green (45%)

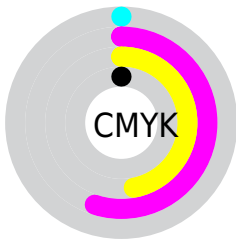
Blue (53%)



Red (100%)

Yellow (45%)

Blue (53%)

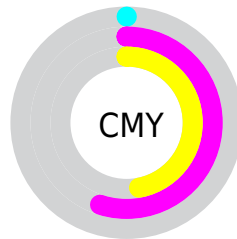


Cyan (0%)

Magenta (55%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (55%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0722, 0.4531, 0.3074 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 35.0722, 0.4531, 0.3074 by changing the saturation by 10% instead.


 35.0722, 0.4531,
0.3074


 35.0722, 0.4531,
0.3074


324.8869, 0.3792,
0.3212

 23.7185, 0.4724,
0.3030


 67.5976, 0.4255,
0.3131

 15.1249, 0.4977,
0.2967


 89.5381, 0.4154,
0.3151

 8.9071, 0.5317,
0.2873


 115.7763, 0.4069,
0.3166

 4.6806, 0.5795,
0.2724

146.6966, 0.3997,
0.3179

 2.0611, 0.6501,
0.2466

182.6834, 0.3935,
0.3189

 0.6426, 0.7982,
0.2018


224.1212, 0.3881,

 0.0000, 1.0000,

0.3198

0.0000


271.3942, 0.3834,
0.3205

 0.0000, 0.0000,
0.0000


 35.0722, 0.4531,
0.3074


 35.0722, 0.4531,
0.3074


 29.5483, 0.4951,
0.3058

 42.3257, 0.4158,
0.3105


 25.6040, 0.5388,
0.3067


 51.4310, 0.3842,
0.3145

 23.0734, 0.5792,
0.3104

 62.5060, 0.3582,
0.3187

 21.7500, 0.6107,
0.3167

 75.6570, 0.3372,
0.3230

 21.4084, 0.6216,
0.3198

 90.9827, 0.3203,
0.3270

99.9973, 0.3127,
0.3290

Harmonies

Analogous

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



35.0722, 0.3737, 0.2535



35.0722, 0.4531, 0.3074



35.0722, 0.4863, 0.3689

Triad

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



35.0722, 0.4531, 0.3074



35.0722, 0.3209, 0.4876



35.0722, 0.1746, 0.2091

Complementary

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



35.0722, 0.4531, 0.3074



80.9755, 0.2517, 0.3550

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.



35.0722, 0.1651, 0.2509



35.0722, 0.4531, 0.3074



35.0722, 0.2421, 0.4259

Square

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



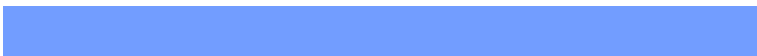
35.0722, 0.4531, 0.3074



35.0722, 0.4019, 0.4813



35.0722, 0.1870, 0.3290



35.0722, 0.2142, 0.1991

Rectangle

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



35.0722, 0.4531, 0.3074



35.0722, 0.4769, 0.4109



35.0722, 0.1870, 0.3290



35.0722, 0.1681, 0.2191

Sweetspot

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



35.0741, 0.4531, 0.3074



73.2550, 0.3405, 0.3223



36.3301, 0.2977, 0.1891



15.0932, 0.3445, 0.3214



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.



35.0741, 0.4531, 0.3074



29.2179, 0.4982, 0.3058



47.9665, 0.4484, 0.3772



18.0332, 0.3270, 0.3253



11.2014, 0.6186, 0.3181



1.1034, 0.5913, 0.3031

Inverse Universe

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



35.0741, 0.4531, 0.3074



29.2179, 0.4982, 0.3058



55.9092, 0.2304, 0.2710



18.0332, 0.3270, 0.3253



11.2014, 0.6186, 0.3181



1.1034, 0.5913, 0.3031

Previews

White Background



This preview shows how the Yxy color 35.0722, 0.4531, 0.3074 looks on a white background.

Color Contrast Check

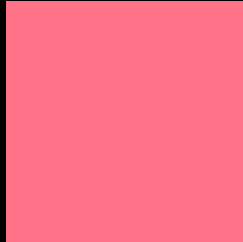
Large Text (above 18pt) WCAG AA × Fail

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 35.0722, 0.4531, 0.3074 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 35.0722, 0.4531, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 35.0722, 0.4531, 0.3074.



This preview shows how white text looks on a background with the Yxy color 35.0722, 0.4531, 0.3074.

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

35.0722, 0.4531, 0.3074

Protanopia

35.1209, 0.3157, 0.3276

Deuteranopia

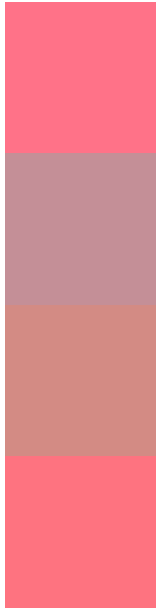
35.1620, 0.3694, 0.3624



Tritanopia

35.0168, 0.4660, 0.3215

Trichromacy



Original Color

35.0722, 0.4531, 0.3074

Protanomaly

33.6150, 0.3617, 0.3185

Deuteranomaly

33.9801, 0.4006, 0.3381

Tritanomaly

34.8908, 0.4616, 0.3164

Monochromacy



Original Color

35.0722, 0.4531, 0.3074

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.3486, 0.3595, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0722, 0.4531, 0.3074 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, 114, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 114, 136)  
}
```

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, 114, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 114, 136) }
```

Border

The CSS property to change the border of an element to Yxy 35.0722, 0.4531, 0.3074 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, 114, 136) }
```

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

```
.border{ border-color:rgb(255, 114, 136) }
```

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

Here you see how a box with a 4 pixel rgb(255, 114, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 114, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 114, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 114,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0722, 0.4531, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 114, 136) }
```

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

```
.background{ background-color: rgb(255,  
114, 136) }
```

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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