

Converting Colors

$Y_{xy}(35.5112, 0.4572, 0.3142)$

Have a look what the booklet for
Yxy(35.5112, 0.4572, 0.3142)
contains.

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Color

Yxy(35.4167, 0.4570, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	FF7484
RGB	255, 116, 132
RGB Percent	100%, 45%, 52%
CMY	0.0001, 0.5450, 0.4823
CMYK	0.00, 0.54, 0.48, 0.00
HSL	353°, 100%, 73%
HSV	353°, 54%, 100%
XYZ	51.6446, 35.4167, 25.9466
YIQ	159.3850, 77.7080, 34.4440

Conversions

Conversions Part 2

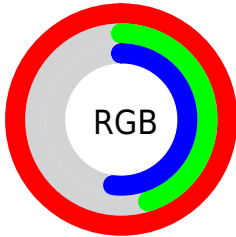
Format	Color
RYB	255, 116, 132
Decimal	16741508
CIELab	66.07, 54.25, 17.51
CIElCh	66, 57.003, 17.887
Yxy	35.4167, 0.4570, 0.3134
Android (android.graphics.Color)	4294931588 (0xFFFF7484)
YUV	159.3850, -13.5008, 83.8544
Hunter-Lab	59.5119, 50.7570, 15.8085

Details

The Yxy color **35.4167, 0.4570, 0.3134** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **81.4522, 0.2499, 0.3477**, and the grayscale version is **34.8965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2678, 0.3765, 0.3156**, and **15.3256, 0.5029, 0.3032** is the 20% darker color. If you saturate the color by 10%, you get **29.7711, 0.5006, 0.3124**, and if you desaturate by 10%, it is **42.8124, 0.4182, 0.3157**.

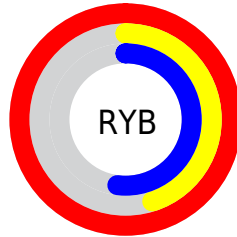
Distribution



Red (100%)

Green (45%)

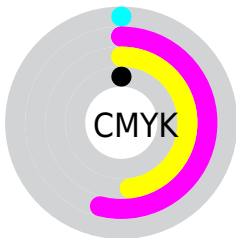
Blue (52%)



Red (100%)

Yellow (45%)

Blue (52%)

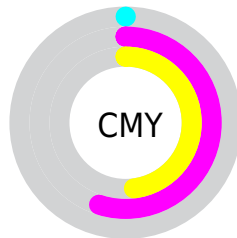


Cyan (0%)

Magenta (54%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4167, 0.4570, 0.3134 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 35.4167, 0.4570, 0.3134 by changing the saturation by 10% instead.


 35.4167, 0.4570,
0.3134


 35.4167, 0.4570,
0.3134


326.4038, 0.3811,
0.3245

 23.9840, 0.4768,
0.3095


 68.1308, 0.4287,
0.3182

 15.3218, 0.5025,
0.3039


 90.1810, 0.4183,
0.3198

 9.0455, 0.5371,
0.2952


 116.5392, 0.4096,
0.3210

 4.7709, 0.5855,
0.2809

147.5898, 0.4022,
0.3220

 2.1135, 0.6574,
0.2562

183.7172, 0.3958,
0.3228

 0.6722, 0.7904,
0.2096

225.3057, 0.3903,

 0.0000, 1.0000,

0.3235

0.0000

272.7398, 0.3854,
0.3240

■ 0.0000, 0.0000,
0.0000

■ 35.4167, 0.4570,
0.3134

■ 35.4167, 0.4570,
0.3134

■ 29.7711, 0.5006,
0.3124

■ 42.8124, 0.4182,
0.3157

■ 25.7259, 0.5458,
0.3131

■ 52.0807, 0.3854,
0.3186

■ 23.1157, 0.5868,
0.3161

■ 63.3395, 0.3585,
0.3217

■ 21.7361, 0.6175,
0.3211

■ 76.6954, 0.3368,
0.3248

■ 21.3461, 0.6289,
0.3238

■ 92.2476, 0.3194,
0.3277

99.9958, 0.3127,
0.3290

Harmonies

Analogous

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



35.4167, 0.3816, 0.2589



35.4167, 0.4570, 0.3134



35.4167, 0.4846, 0.3748

Triad

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



35.4167, 0.4570, 0.3134



35.4167, 0.3131, 0.4826



35.4167, 0.1784, 0.2081

Complementary

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



35.4167, 0.4570, 0.3134



81.4522, 0.2499, 0.3477

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.



35.4167, 0.1661, 0.2463



35.4167, 0.4570, 0.3134



35.4167, 0.2364, 0.4160

Square

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



35.4167, 0.4570, 0.3134



35.4167, 0.3940, 0.4827



35.4167, 0.1848, 0.3203



35.4167, 0.2206, 0.2008

Rectangle

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



35.4167, 0.4570, 0.3134



35.4167, 0.4721, 0.4163



35.4167, 0.1848, 0.3203



35.4167, 0.1710, 0.2170

Sweetspot

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



35.4186, 0.4570, 0.3134



74.5633, 0.3398, 0.3243



38.0253, 0.3042, 0.1934



15.3477, 0.3440, 0.3237



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.



35.4186, 0.4570, 0.3134



29.5359, 0.5029, 0.3123



51.0014, 0.4411, 0.3837



18.0210, 0.3276, 0.3263



11.1667, 0.6264, 0.3224



1.0977, 0.6031, 0.3096

Inverse Universe

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



35.4186, 0.4570, 0.3134



29.5359, 0.5029, 0.3123



53.0396, 0.2295, 0.2629



18.0210, 0.3276, 0.3263



11.1667, 0.6264, 0.3224



1.0977, 0.6031, 0.3096

Previews

White Background



This preview shows how the Yxy color 35.4167, 0.4570, 0.3134 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 35.4167, 0.4570, 0.3134 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 35.4167, 0.4570, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 35.4167, 0.4570, 0.3134.



This preview shows how white text looks on a background with the Yxy color 35.4167, 0.4570, 0.3134.

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

35.4167, 0.4570, 0.3134

Protanopia

35.4740, 0.3230, 0.3378

Deuteranopia

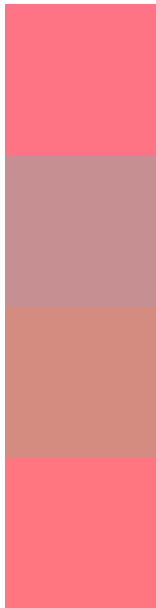
35.3089, 0.3755, 0.3677



Tritanopia

35.4632, 0.4651, 0.3215

Trichromacy



Original Color

35.4167, 0.4570, 0.3134

Protanomaly

34.0276, 0.3690, 0.3265

Deuteranomaly

34.3117, 0.4057, 0.3443

Tritanomaly

35.5411, 0.4614, 0.3184

Monochromacy



Original Color

35.4167, 0.4570, 0.3134

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.2842, 0.3617, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4167, 0.4570, 0.3134 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, 116, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 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, 116, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 132) }
```

Border

The CSS property to change the border of an element to Yxy 35.4167, 0.4570, 0.3134 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, 116, 132) }
```

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

```
.border{ border-color:rgb(255, 116, 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, 116, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4167, 0.4570, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 116, 132) }
```

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

```
.background{ background-color: rgb(255,  
116, 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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