

Converting Colors

$Y_{xy}(30.5574, 0.4491, 0.2738)$

Have a look what the booklet for
Yxy(30.5574, 0.4491, 0.2738)
contains.

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Color

Yxy(30.5113, 0.4494, 0.2738)

Conversions

Conversions Part 1

Format	Color
Hex	FF5993
RGB	255, 89, 147
RGB Percent	100%, 35%, 58%
CMY	0.0000, 0.6510, 0.4236
CMYK	0.00, 0.65, 0.42, 0.00
HSL	339°, 100%, 67%
HSV	339°, 65%, 100%
XYZ	50.0795, 30.5113, 30.8456
YIQ	145.2460, 80.3180, 53.2300

Conversions

Conversions Part 2

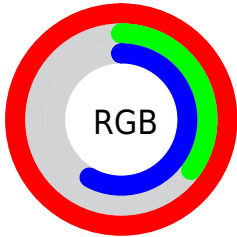
Format	Color
RYB	255, 89, 147
Decimal	16734611
CIELab	62.09, 67.23, 3.29
CIElCh	62, 67.314, 2.801
Yxy	30.5113, 0.4494, 0.2738
Android (android.graphics.Color)	4294924691 (0xFFFF5993)
YUV	145.2460, 0.8647, 96.2543
Hunter-Lab	55.2370, 65.1686, 5.5570

Details

The Yxy color **30.5113, 0.4494, 0.2738** 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 **77.6764, 0.2591, 0.4028**, and the grayscale version is **28.3923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.3445, 0.3671, 0.2734**, and **12.5422, 0.4932, 0.2543** is the 20% darker color. If you saturate the color by 10%, you get **26.4934, 0.4832, 0.2718**, and if you desaturate by 10%, it is **36.0740, 0.4181, 0.2794**.

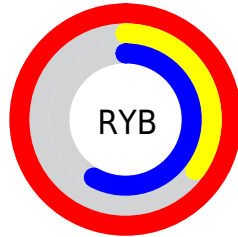
Distribution



Red (100%)

Green (35%)

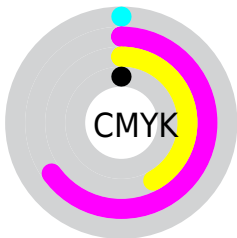
Blue (58%)



Red (100%)

Yellow (35%)

Blue (58%)

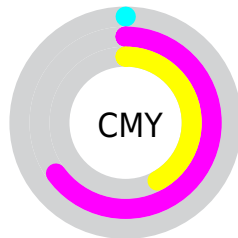


Cyan (0%)

Magenta (65%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (65%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5113, 0.4494, 0.2738 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 30.5113, 0.4494, 0.2738 by changing the saturation by 10% instead.


 30.5113, 0.4494,
0.2738


 30.5113, 0.4494,
0.2738


304.2805, 0.3767,
0.3037


 20.2270, 0.4688,
0.2656


 60.4698, 0.4220,
0.2852


 12.5602, 0.4943,
0.2548


 80.9129, 0.4120,
0.2893

 7.1264, 0.5292,
0.2397


 105.5109, 0.4037,
0.2927

 3.5413, 0.5792,
0.2176

 134.6484, 0.3966,
0.2956

 1.4204, 0.6552,
0.1832

168.7097, 0.3906,
0.2981

 0.2317, 0.9017,
0.0897

208.0792, 0.3854,


 0.0000, 1.0000,


0.3002


0.0000


253.1414, 0.3808,
0.3021

 0.0000, 0.0000,
0.0000


 30.5113, 0.4494,
0.2738


 30.5113, 0.4494,
0.2738


 26.4934, 0.4832,
0.2718


 36.0740, 0.4181,
0.2794


 23.8568, 0.5173,
0.2745


 43.3199, 0.3906,
0.2874


 22.4022, 0.5489,
0.2824

 52.3733, 0.3672,
0.2966

 21.9823, 0.5629,
0.2875

 63.3462, 0.3476,
0.3062

 76.3415, 0.3316,
0.3156

 91.4547, 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.



30.5113, 0.3397, 0.2187



30.5113, 0.4494, 0.2738



30.5113, 0.5158, 0.3405

Triad

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



30.5113, 0.4494, 0.2738



30.5113, 0.3573, 0.5302



30.5113, 0.1427, 0.2002

Complementary

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



30.5113, 0.4494, 0.2738



77.6764, 0.2591, 0.4028

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.



30.5113, 0.1447, 0.2644



30.5113, 0.4494, 0.2738



30.5113, 0.2604, 0.4931

Square

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



30.5113, 0.4494, 0.2738



30.5113, 0.4481, 0.4856



30.5113, 0.1833, 0.3763



30.5113, 0.1732, 0.1770

Rectangle

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



30.5113, 0.4494, 0.2738



30.5113, 0.5197, 0.3882



30.5113, 0.1833, 0.3763



30.5113, 0.1397, 0.2163

Sweetspot

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



30.5116, 0.4494, 0.2738



69.7096, 0.3391, 0.3110



26.2227, 0.2654, 0.1559



14.1554, 0.3437, 0.3084



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.



30.5116, 0.4494, 0.2738



25.5933, 0.4932, 0.2720



33.9945, 0.5084, 0.3524



18.0918, 0.3239, 0.3207



11.5116, 0.5586, 0.2851



1.1406, 0.5271, 0.2677

Inverse Universe

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



30.5116, 0.4494, 0.2738



25.5933, 0.4932, 0.2720



65.9939, 0.2283, 0.2984



18.0918, 0.3239, 0.3207



11.5116, 0.5586, 0.2851



1.1406, 0.5271, 0.2677

Previews

White Background



This preview shows how the Yxy color 30.5113, 0.4494, 0.2738 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 30.5113, 0.4494, 0.2738 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 30.5113, 0.4494, 0.2738

Background



This preview shows how black text looks on a background with the Yxy color 30.5113, 0.4494, 0.2738.



This preview shows how white text looks on a background with the Yxy color 30.5113, 0.4494, 0.2738.

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

30.5113, 0.4494, 0.2738

Protanopia

30.7534, 0.2771, 0.2783

Deuteranopia

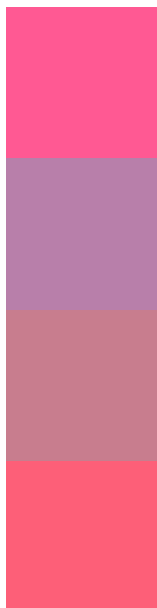
30.5499, 0.3446, 0.3380



Tritanopia

30.4303, 0.5005, 0.3240

Trichromacy



Original Color

30.5113, 0.4494, 0.2738

Protanomaly

28.2714, 0.3311, 0.2704

Deuteranomaly

28.8996, 0.3825, 0.3068

Tritanomaly

30.4231, 0.4822, 0.3057

Monochromacy



Original Color

30.5113, 0.4494, 0.2738

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 30.5113, 0.4494, 0.2738 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, 147)` looks like.

```
.text, #text, p{  
  color:rgb(255, 89, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 147) }
```

Border

The CSS property to change the border of an element to Yxy 30.5113, 0.4494, 0.2738 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, 147) }
```

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

```
.border{ border-color:rgb(255, 89, 147) }
```

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, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5113, 0.4494, 0.2738 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, 147) }
```

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

```
.background{ background-color: rgb(255, 89,  
147) }
```

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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