

Converting Colors

$Y_{xy}(36.4142, 0.4194, 0.2826)$

Have a look what the booklet for
Yxy(36.4142, 0.4194, 0.2826)
contains.

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Color

Yxy(36.3594, 0.4196, 0.2825)

Conversions

Conversions Part 1

Format	Color
Hex	FF74A2
RGB	255, 116, 162
RGB Percent	100%, 45%, 64%
CMY	0.0000, 0.5450, 0.3648
CMYK	0.00, 0.55, 0.36, 0.00
HSL	340°, 100%, 73%
HSV	340°, 55%, 100%
XYZ	54.0050, 36.3594, 38.3415
YIQ	162.8050, 68.0780, 43.7740

Conversions

Conversions Part 2

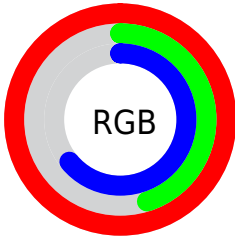
Format	Color
R _Y B	255, 116, 162
Decimal	16741538
CIE Lab	66.79, 57.26, 1.52
CIE LCh	67, 57.279, 1.516
Yxy	36.3594, 0.4196, 0.2825
Android (android.graphics.Color)	4294931618 (0xFFFF74A2)
YUV	162.8050, -0.3969, 80.8550
Hunter-Lab	60.2988, 54.3459, 4.5091

Details

The Yxy color **36.3594, 0.4196, 0.2825** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **79.8390, 0.2629, 0.3853**, and the grayscale version is **36.5083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7748, 0.3476, 0.2830**, and **15.8487, 0.4510, 0.2674** is the 20% darker color. If you saturate the color by 10%, you get **30.7005, 0.4517, 0.2771**, and if you desaturate by 10%, it is **43.7175, 0.3914, 0.2901**.

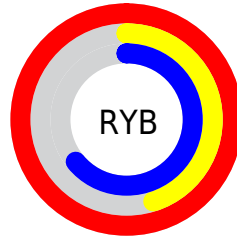
Distribution



Red (100%)

Green (45%)

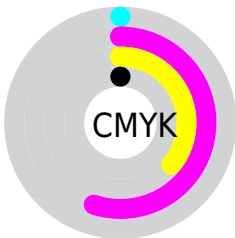
Blue (64%)



Red (100%)

Yellow (45%)

Blue (64%)

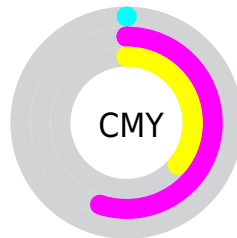


Cyan (0%)

Magenta (55%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (55%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3594, 0.4196, 0.2825 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 36.3594, 0.4196, 0.2825 by changing the saturation by 10% instead.

 36.3594, 0.4196,
0.2825


 36.3594, 0.4196,
0.2825


330.5287, 0.3642,
0.3068

 24.7119, 0.4340,
0.2761


 69.5864, 0.3990,
0.2916

 15.8625, 0.4527,
0.2678


 91.9347, 0.3915,
0.2949

 9.4269, 0.4780,
0.2565


 118.6188, 0.3851,
0.2977

 5.0207, 0.5139,
0.2403

150.0229, 0.3796,
0.3001

 2.2594, 0.5682,
0.2155

186.5316, 0.3750,
0.3021

 0.7521, 0.6612,
0.1739

228.5292, 0.3709,

 0.0000, 1.0000,

0.3039

0.0000

276.4001, 0.3673,
0.3054

■ 0.0000, 0.0000,
0.0000

■ 36.3594, 0.4196,
0.2825

■ 36.3594, 0.4196,
0.2825

■ 30.7005, 0.4517,
0.2771

■ 43.7175, 0.3914,
0.2901

■ 26.5962, 0.4865,
0.2752

■ 52.8924, 0.3674,
0.2988

■ 23.8875, 0.5217,
0.2779

■ 63.9976, 0.3475,
0.3079

■ 22.3772, 0.5541,
0.2857

■ 77.1360, 0.3312,
0.3168

■ 21.9052, 0.5700,
0.2914

■ 92.4028, 0.3179,
0.3254

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.



36.3594, 0.3320, 0.2351



36.3594, 0.4196, 0.2825



36.3594, 0.4760, 0.3409

Triad

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



36.3594, 0.4196, 0.2825



36.3594, 0.3581, 0.4900



36.3594, 0.1684, 0.2250

Complementary

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



36.3594, 0.4196, 0.2825



79.8390, 0.2629, 0.3853

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.



36.3594, 0.1727, 0.2826



36.3594, 0.4196, 0.2825



36.3594, 0.2765, 0.4591

Square

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



36.3594, 0.4196, 0.2825



36.3594, 0.4320, 0.4603



36.3594, 0.2094, 0.3723



36.3594, 0.1942, 0.2017

Rectangle

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



36.3594, 0.4196, 0.2825



36.3594, 0.4834, 0.3823



36.3594, 0.2094, 0.3723



36.3594, 0.1665, 0.2402

Sweetspot

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



36.3613, 0.4196, 0.2825



75.0388, 0.3334, 0.3155



33.2209, 0.2773, 0.1825



15.4598, 0.3366, 0.3137



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.



36.3613, 0.4196, 0.2825



30.4619, 0.4534, 0.2769



41.0377, 0.4613, 0.3528



18.0861, 0.3242, 0.3212



11.4704, 0.5657, 0.2890



1.1361, 0.5338, 0.2714

Inverse Universe

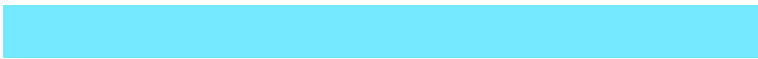
The Inverse Universe completely reimagines the original color for something new.



36.3613, 0.4196, 0.2825



30.4619, 0.4534, 0.2769



68.5543, 0.2375, 0.3012



18.0861, 0.3242, 0.3212



11.4704, 0.5657, 0.2890



1.1361, 0.5338, 0.2714

Previews

White Background



This preview shows how the Yxy color 36.3594, 0.4196, 0.2825 looks on a white background.

Color Contrast Check

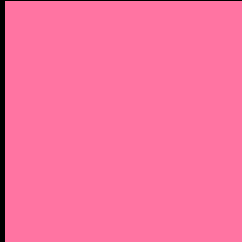
Large Text (above 18pt) WCAG AA × Fail

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 36.3594, 0.4196, 0.2825 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 36.3594, 0.4196, 0.2825

Background



This preview shows how black text looks on a background with the Yxy color 36.3594, 0.4196, 0.2825.



This preview shows how white text looks on a background with the Yxy color 36.3594, 0.4196, 0.2825.

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

36.3594, 0.4196, 0.2825

Protanopia

36.7839, 0.2866, 0.2912

Deuteranopia

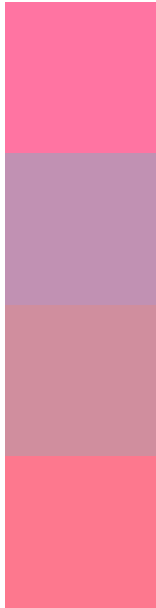
36.3043, 0.3385, 0.3318



Tritanopia

36.2532, 0.4522, 0.3202

Trichromacy



Original Color

36.3594, 0.4196, 0.2825

Protanomaly

34.8429, 0.3290, 0.2848

Deuteranomaly

35.2245, 0.3671, 0.3089

Tritanomaly

36.2686, 0.4408, 0.3068

Monochromacy



Original Color

36.3594, 0.4196, 0.2825

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

34.9379, 0.3482, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3594, 0.4196, 0.2825 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 162) }
```

Border

The CSS property to change the border of an element to Yxy 36.3594, 0.4196, 0.2825 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, 162) }
```

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

```
.border{ border-color:rgb(255, 116, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3594, 0.4196, 0.2825 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, 162) }
```

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

```
.background{ background-color: rgb(255,  
116, 162) }
```

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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