

Converting Colors

$Y_{xy}(35.2910, 0.4285, 0.2852)$

Have a look what the booklet for
Yxy(35.2910, 0.4285, 0.2852)
contains.

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Color

Yxy(35.2486, 0.4286, 0.2849)

Conversions

Conversions Part 1

Format	Color
Hex	FF709C
RGB	255, 112, 156
RGB Percent	100%, 44%, 61%
CMY	0.0001, 0.5607, 0.3884
CMYK	0.00, 0.56, 0.39, 0.00
HSL	342°, 100%, 72%
HSV	342°, 56%, 100%
XYZ	53.0276, 35.2486, 35.4466
YIQ	159.7730, 71.1040, 44.0000

Conversions

Conversions Part 2

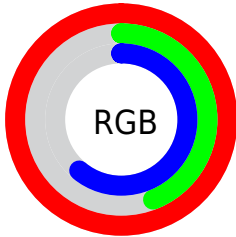
Format	Color
R _Y B	255, 112, 156
Decimal	16740508
CIE Lab	65.94, 58.42, 3.69
CIE LCh	66, 58.534, 3.619
Yxy	35.2486, 0.4286, 0.2849
Android (android.graphics.Color)	4294930588 (0xFFFF709C)
YUV	159.7730, -1.8601, 83.5141
Hunter-Lab	59.3705, 55.5311, 6.1609

Details

The Yxy color **35.2486, 0.4286, 0.2849** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **79.6600, 0.2605, 0.3829**, and the grayscale version is **35.0312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9184, 0.3545, 0.2858**, and **15.2216, 0.4646, 0.2703** is the 20% darker color. If you saturate the color by 10%, you get **29.8410, 0.4626, 0.2805**, and if you desaturate by 10%, it is **42.3396, 0.3985, 0.2916**.

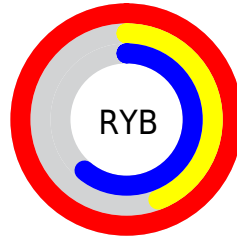
Distribution



Red (100%)

Green (44%)

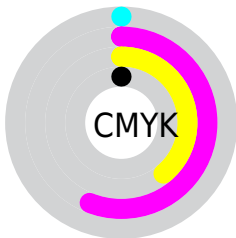
Blue (61%)



Red (100%)

Yellow (44%)

Blue (61%)

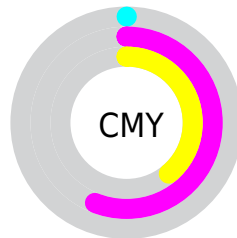


Cyan (0%)

Magenta (56%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.2486, 0.4286, 0.2849 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 35.2486, 0.4286, 0.2849 by changing the saturation by 10% instead.


 35.2486, 0.4286,
0.2849


 35.2486, 0.4286,
0.2849


325.6643, 0.3681,
0.3084


 23.8544, 0.4444,
0.2786


 67.8707, 0.4061,
0.2938

 15.2257, 0.4650,
0.2702


 89.8674, 0.3978,
0.2970

 8.9779, 0.4930,
0.2587


 116.1672, 0.3908,
0.2997

 4.7268, 0.5328,
0.2420

147.1543, 0.3849,
0.3020

 2.0879, 0.5931,
0.2160

183.2131, 0.3798,
0.3040

 0.6578, 0.7094,
0.1714

224.7282, 0.3754,


 0.0000, 1.0000,


0.3057


0.0000


272.0837, 0.3715,
0.3071


 0.0000, 0.0000,
0.0000

 35.2486, 0.4286,
0.2849


 35.2486, 0.4286,
0.2849


 29.8410, 0.4626,
0.2805


 42.3396, 0.3985,
0.2916


 25.9693, 0.4990,
0.2797


 51.2342, 0.3729,
0.2996

 23.4692, 0.5351,
0.2835

 62.0480, 0.3517,
0.3081

 22.1354, 0.5672,
0.2920

 74.8852, 0.3342,
0.3164

 21.8119, 0.5785,
0.2961

 89.8425, 0.3200,
0.3244

99.9964, 0.3127,
0.3290

Harmonies

Analogous

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



35.2486, 0.3390, 0.2354



35.2486, 0.4286, 0.2849



35.2486, 0.4832, 0.3449

Triad

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



35.2486, 0.4286, 0.2849



35.2486, 0.3529, 0.4955



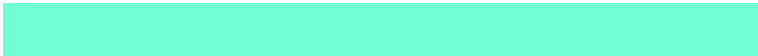
35.2486, 0.1656, 0.2192

Complementary

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



35.2486, 0.4286, 0.2849



79.6600, 0.2605, 0.3829

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.



35.2486, 0.1676, 0.2753



35.2486, 0.4286, 0.2849



35.2486, 0.2694, 0.4591

Square

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



35.2486, 0.4286, 0.2849



35.2486, 0.4302, 0.4672



35.2486, 0.2025, 0.3664



35.2486, 0.1940, 0.1978

Rectangle

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



35.2486, 0.4286, 0.2849



35.2486, 0.4878, 0.3874



35.2486, 0.2025, 0.3664



35.2486, 0.1628, 0.2337

Sweetspot

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



35.2504, 0.4286, 0.2849



73.6070, 0.3357, 0.3157



32.4732, 0.2781, 0.1794



15.1755, 0.3390, 0.3140



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.



35.2504, 0.4286, 0.2849



29.4204, 0.4660, 0.2803



40.6720, 0.4660, 0.3557



18.0790, 0.3246, 0.3217



11.4223, 0.5742, 0.2937



1.1307, 0.5422, 0.2761

Inverse Universe

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



35.2504, 0.4286, 0.2849



29.4204, 0.4660, 0.2803



66.5788, 0.2353, 0.2973



18.0790, 0.3246, 0.3217



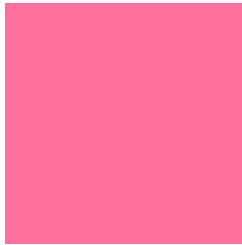
11.4223, 0.5742, 0.2937



1.1307, 0.5422, 0.2761

Previews

White Background



This preview shows how the Yxy color 35.2486, 0.4286, 0.2849 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 35.2486, 0.4286, 0.2849 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 35.2486, 0.4286, 0.2849

Background



This preview shows how black text looks on a background with the Yxy color 35.2486, 0.4286, 0.2849.



This preview shows how white text looks on a background with the Yxy color 35.2486, 0.4286, 0.2849.

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

35.2486, 0.4286, 0.2849

Protanopia

35.3249, 0.2887, 0.2934

Deuteranopia

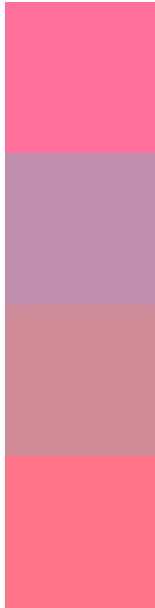
35.3159, 0.3437, 0.3375



Tritanopia

35.3459, 0.4615, 0.3214

Trichromacy



Original Color

35.2486, 0.4286, 0.2849

Protanomaly

33.6085, 0.3334, 0.2869

Deuteranomaly

33.9976, 0.3736, 0.3126

Tritanomaly

35.3678, 0.4499, 0.3082

Monochromacy



Original Color

35.2486, 0.4286, 0.2849

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

33.7502, 0.3520, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2486, 0.4286, 0.2849 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, 112, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 156)  
}
```

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, 112, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 156) }
```

Border

The CSS property to change the border of an element to Yxy 35.2486, 0.4286, 0.2849 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, 112, 156) }
```

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

```
.border{ border-color:rgb(255, 112, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 112, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 112, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 112, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 112,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2486, 0.4286, 0.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 112, 156) }
```

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

```
.background{ background-color: rgb(255,  
112, 156) }
```

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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