

Converting Colors

Yxy(35.1762, 0.4345, 0.2829)

Have a look what the booklet for
Yxy(35.1762, 0.4345, 0.2829)
contains.

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Color

Yxy(34.3517, 0.4314, 0.2822)

Conversions

Conversions Part 1

Format	Color
Hex	FF6C9B
RGB	255, 108, 155
RGB Percent	100%, 42%, 61%
CMY	0.0001, 0.5764, 0.3922
CMYK	0.00, 0.58, 0.39, 0.00
HSL	341°, 100%, 71%
HSV	341°, 58%, 100%
XYZ	52.5135, 34.3517, 34.8630
YIQ	157.3110, 72.5250, 45.7810

Conversions

Conversions Part 2

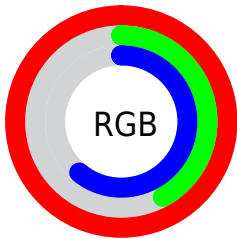
Format	Color
R_{YB}	255, 108, 155
Decimal	16739483
CIE _{Lab}	65.24, 60.10, 3.25
CIE _{LCh}	65, 60.192, 3.091
Yxy	34.3517, 0.4314, 0.2822
Android (android.graphics.Color)	4294929563 (0xFFFF6C9B)
YUV	157.3110, -1.1393, 85.6733
Hunter-Lab	58.6103, 57.3640, 5.7600

Details

The Yxy color **34.3517, 0.4314, 0.2822** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **79.2563, 0.2604, 0.3870**, and the grayscale version is **33.8481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4144, 0.3561, 0.2827**, and **14.6654, 0.4693, 0.2663** is the 20% darker color. If you saturate the color by 10%, you get **29.1957, 0.4652, 0.2780**, and if you desaturate by 10%, it is **41.1673, 0.4013, 0.2890**.

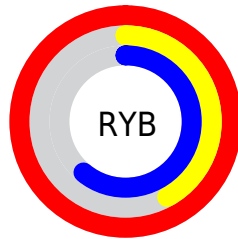
Distribution



Red (100%)

Green (42%)

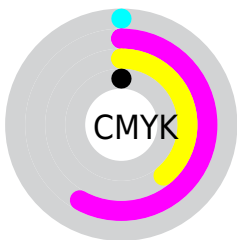
Blue (61%)



Red (100%)

Yellow (42%)

Blue (61%)

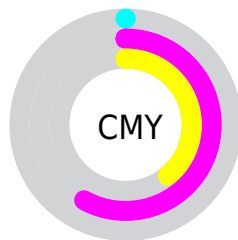


Cyan (0%)

Magenta (58%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3517, 0.4314, 0.2822 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 34.3517, 0.4314, 0.2822 by changing the saturation by 10% instead.


 34.3517, 0.4314,
0.2822


 34.3517, 0.4314,
0.2822


321.6974, 0.3693,
0.3072


 23.1639, 0.4477,
0.2755


 66.4802, 0.4082,
0.2916


 14.7146, 0.4690,
0.2666


 88.1897, 0.3997,
0.2951

 8.6193, 0.4979,
0.2545


 114.1753, 0.3925,
0.2979

 4.4937, 0.5392,
0.2368

 144.8213, 0.3865,
0.3004

 1.9534, 0.6017,
0.2092

180.5121, 0.3813,
0.3024

 0.5802, 0.7292,
0.1595

221.6321, 0.3767,


 0.0000, 1.0000,


0.3042


0.0000


268.5658, 0.3728,
0.3058

 0.0000, 0.0000,
0.0000


 34.3517, 0.4314,
0.2822


 34.3517, 0.4314,
0.2822

 29.1957, 0.4652,
0.2780


 41.1673, 0.4013,
0.2890

 25.5490, 0.5011,
0.2777

 49.7650, 0.3755,
0.2971


 23.2428, 0.5362,
0.2821

 60.2617, 0.3540,
0.3059

 22.0532, 0.5674,
0.2912

 72.7628, 0.3363,
0.3146

 21.8584, 0.5741,
0.2936

 87.3660, 0.3219,
0.3230

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.



34.3517, 0.3380, 0.2318



34.3517, 0.4314, 0.2822



34.3517, 0.4888, 0.3435

Triad

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



34.3517, 0.4314, 0.2822



34.3517, 0.3549, 0.5019



34.3517, 0.1611, 0.2161

Complementary

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



34.3517, 0.4314, 0.2822



79.2563, 0.2604, 0.3870

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.



34.3517, 0.1635, 0.2743



34.3517, 0.4314, 0.2822



34.3517, 0.2689, 0.4660

Square

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



34.3517, 0.4314, 0.2822



34.3517, 0.4346, 0.4702



34.3517, 0.1996, 0.3695



34.3517, 0.1895, 0.1940

Rectangle

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



34.3517, 0.4314, 0.2822



34.3517, 0.4939, 0.3870



34.3517, 0.1996, 0.3695



34.3517, 0.1584, 0.2311

Sweetspot

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



34.3535, 0.4314, 0.2822



73.6357, 0.3353, 0.3151



31.0711, 0.2746, 0.1746



15.1823, 0.3386, 0.3134



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.



34.3535, 0.4314, 0.2822



28.6159, 0.4700, 0.2777



38.9840, 0.4742, 0.3537



18.0827, 0.3244, 0.3214



11.4468, 0.5698, 0.2913



1.1335, 0.5379, 0.2737

Inverse Universe

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



34.3535, 0.4314, 0.2822



28.6159, 0.4700, 0.2777



67.2768, 0.2343, 0.2993



18.0827, 0.3244, 0.3214



11.4468, 0.5698, 0.2913



1.1335, 0.5379, 0.2737

Previews

White Background



This preview shows how the Yxy color 34.3517, 0.4314, 0.2822 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 34.3517, 0.4314, 0.2822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

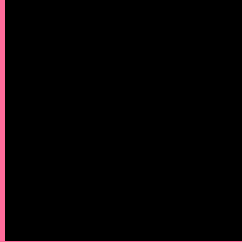
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.3517, 0.4314, 0.2822

Background



This preview shows how black text looks on a background with the Yxy color 34.3517, 0.4314, 0.2822.



This preview shows how white text looks on a background with the Yxy color 34.3517, 0.4314, 0.2822.

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

34.3517, 0.4314, 0.2822

Protanopia

34.4447, 0.2868, 0.2902

Deuteranopia

34.3856, 0.3431, 0.3362



Tritanopia

34.3224, 0.4687, 0.3215

Trichromacy



Original Color

34.3517, 0.4314, 0.2822



Protanomaly

32.5587, 0.3338, 0.2841



Deuteranomaly

33.2475, 0.3743, 0.3112



Tritanomaly

34.3804, 0.4557, 0.3074

Monochromacy



Original Color

34.3517, 0.4314, 0.2822



Achromatopsia

33.7164, 0.3127, 0.3290



Achromatomaly

32.2030, 0.3541, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3517, 0.4314, 0.2822 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, 108, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 108, 155)  
}
```

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, 108, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 108, 155) }
```

Border

The CSS property to change the border of an element to Yxy 34.3517, 0.4314, 0.2822 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, 108, 155) }
```

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

```
.border{ border-color:rgb(255, 108, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 108, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 108, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 108, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 108,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3517, 0.4314, 0.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 108, 155) }
```

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

```
.background{ background-color: rgb(255,  
108, 155) }
```

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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