

Converting Colors

Yxy(33.6242, 0.4542, 0.2990)

Have a look what the booklet for
Yxy(33.6242, 0.4542, 0.2990)
contains.

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Color

Yxy(33.6104, 0.4539, 0.2987)

Conversions

Conversions Part 1

Format	Color
Hex	FF6B8A
RGB	255, 107, 138
RGB Percent	100%, 42%, 54%
CMY	0.0002, 0.5802, 0.4588
CMYK	0.00, 0.58, 0.46, 0.00
HSL	347°, 100%, 71%
HSV	347°, 58%, 100%
XYZ	51.0739, 33.6104, 27.8380
YIQ	154.7860, 78.2570, 41.0170

Conversions

Conversions Part 2

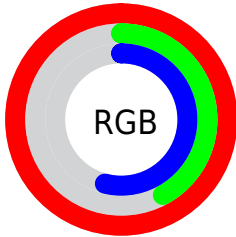
Format	Color
R _Y B	255, 107, 138
Decimal	16739210
CIE Lab	64.65, 58.86, 12.12
CIE LCh	65, 60.092, 11.634
Yxy	33.6104, 0.4539, 0.2987
Android (android.graphics.Color)	4294929290 (0xFFFF6B8A)
YUV	154.7860, -8.2755, 87.8877
Hunter-Lab	57.9745, 55.7981, 12.1124

Details

The Yxy color **33.6104, 0.4539, 0.2987** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **80.0053, 0.2532, 0.3664**, and the grayscale version is **32.6962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2160, 0.3732, 0.2999**, and **14.3705, 0.5005, 0.2865** is the 20% darker color. If you saturate the color by 10%, you get **28.5234, 0.4940, 0.2969**, and if you desaturate by 10%, it is **40.3763, 0.4179, 0.3027**.

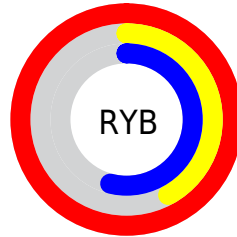
Distribution



Red (100%)

Green (42%)

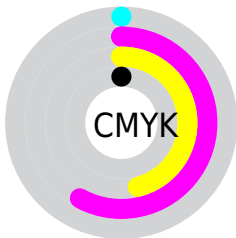
Blue (54%)



Red (100%)

Yellow (42%)

Blue (54%)

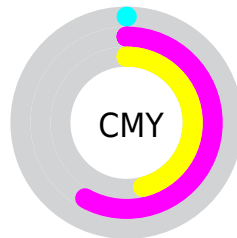


Cyan (0%)

Magenta (58%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.6104, 0.4539, 0.2987 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 33.6104, 0.4539, 0.2987 by changing the saturation by 10% instead.

 33.6104, 0.4539,
0.2987


 33.6104, 0.4539,
0.2987


318.3913, 0.3793,
0.3167


 22.5945, 0.4736,
0.2932


 65.3274, 0.4259,
0.3060

 14.2943, 0.4993,
0.2857


 86.7971, 0.4157,
0.3085

 8.3257, 0.5343,
0.2747


 112.5204, 0.4071,
0.3105

 4.3040, 0.5837,
0.2576

 142.8814, 0.3998,
0.3122

 1.8451, 0.6571,
0.2289

178.2646, 0.3936,
0.3136

 0.5150, 0.8268,
0.1732

219.0544, 0.3882,


 0.0000, 1.0000,


0.3148


0.0000

265.6352, 0.3834,
0.3158


 0.0000, 0.0000,
0.0000


 33.6104, 0.4539,
0.2987


 33.6104, 0.4539,
0.2987


 28.5234, 0.4940,
0.2969


 40.3763, 0.4179,
0.3027


 24.9616, 0.5355,
0.2981


 48.9462, 0.3870,
0.3079


 22.7525, 0.5738,
0.3032

 59.4394, 0.3615,
0.3136

 21.6611, 0.6041,
0.3114

 71.9636, 0.3407,
0.3193

 21.5126, 0.6092,
0.3129

 86.6182, 0.3238,
0.3248

99.9923, 0.3127,
0.3290

Harmonies

Analogous

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



33.6104, 0.3660, 0.2441



33.6104, 0.4539, 0.2987



33.6104, 0.4953, 0.3619

Triad

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



33.6104, 0.4539, 0.2987



33.6104, 0.3301, 0.5007



33.6104, 0.1654, 0.2059

Complementary

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



33.6104, 0.4539, 0.2987



80.0053, 0.2532, 0.3664

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.



33.6104, 0.1589, 0.2532



33.6104, 0.4539, 0.2987



33.6104, 0.2460, 0.4430

Square

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



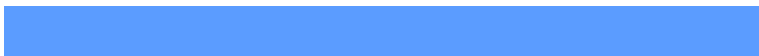
33.6104, 0.4539, 0.2987



33.6104, 0.4141, 0.4846



33.6104, 0.1851, 0.3397



33.6104, 0.2029, 0.1926

Rectangle

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



33.6104, 0.4539, 0.2987



33.6104, 0.4889, 0.4059



33.6104, 0.1851, 0.3397



33.6104, 0.1598, 0.2175

Sweetspot

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



33.6122, 0.4539, 0.2987



73.3777, 0.3388, 0.3199



33.4164, 0.2898, 0.1803



15.1219, 0.3426, 0.3188



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.



33.6122, 0.4539, 0.2987



27.7095, 0.5023, 0.2968



43.7955, 0.4632, 0.3714



18.0492, 0.3261, 0.3240



11.2621, 0.6055, 0.3109



1.1116, 0.5753, 0.2943

Inverse Universe

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



33.6122, 0.4539, 0.2987



27.7095, 0.5023, 0.2968



57.9601, 0.2292, 0.2772



18.0492, 0.3261, 0.3240



11.2621, 0.6055, 0.3109



1.1116, 0.5753, 0.2943

Previews

White Background



This preview shows how the Yxy color 33.6104, 0.4539, 0.2987 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 33.6104, 0.4539, 0.2987 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 33.6104, 0.4539, 0.2987

Background



This preview shows how black text looks on a background with the Yxy color 33.6104, 0.4539, 0.2987.



This preview shows how white text looks on a background with the Yxy color 33.6104, 0.4539, 0.2987.

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

33.6104, 0.4539, 0.2987

Protanopia

33.7626, 0.3066, 0.3157

Deuteranopia

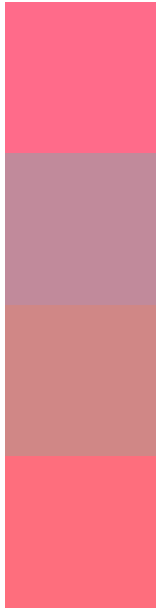
33.5957, 0.3642, 0.3575



Tritanopia

33.7477, 0.4764, 0.3226

Trichromacy



Original Color

33.6104, 0.4539, 0.2987

Protanomaly

31.8810, 0.3554, 0.3063

Deuteranomaly

32.4591, 0.3969, 0.3305

Tritanomaly

33.7034, 0.4682, 0.3146

Monochromacy



Original Color

33.6104, 0.4539, 0.2987

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.4232, 0.3599, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6104, 0.4539, 0.2987 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, 107, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 138)  
}
```

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, 107, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 138) }
```

Border

The CSS property to change the border of an element to Yxy 33.6104, 0.4539, 0.2987 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, 107, 138) }
```

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

```
.border{ border-color:rgb(255, 107, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6104, 0.4539, 0.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 138) }
```

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

```
.background{ background-color: rgb(255,  
107, 138) }
```

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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