

Converting Colors

$Y_{xy}(32.5339, 0.4593, 0.2964)$

Have a look what the booklet for
Yxy(32.5339, 0.4593, 0.2964)
contains.

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Color

Yxy(32.5403, 0.4590, 0.2961)

Conversions

Conversions Part 1

Format	Color
Hex	FF6688
RGB	255, 102, 136
RGB Percent	100%, 40%, 53%
CMY	0.0000, 0.6001, 0.4667
CMYK	0.00, 0.60, 0.47, 0.00
HSL	347°, 100%, 70%
HSV	347°, 60%, 100%
XYZ	50.4424, 32.5403, 26.9136
YIQ	151.6230, 80.2740, 43.0100

Conversions

Conversions Part 2

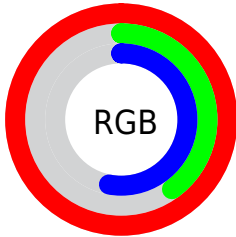
Format	Color
R _Y B	255, 102, 136
Decimal	16737928
CIE Lab	63.79, 60.91, 12.05
CIE LCh	64, 62.085, 11.189
Yxy	32.5403, 0.4590, 0.2961
Android (android.graphics.Color)	4294928008 (0xFFFF6688)
YUV	151.6230, -7.7021, 90.6616
Hunter-Lab	57.0441, 58.0151, 11.9576

Details

The Yxy color **32.5403, 0.4590, 0.2961** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **79.5636, 0.2528, 0.3705**, and the grayscale version is **31.2312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.7304, 0.3762, 0.2978**, and **13.6815, 0.5051, 0.2816** is the 20% darker color. If you saturate the color by 10%, you get **27.7606, 0.4990, 0.2946**, and if you desaturate by 10%, it is **38.9585, 0.4227, 0.3000**.

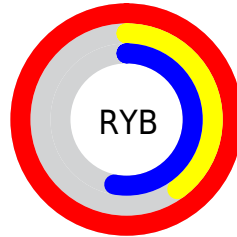
Distribution



Red (100%)

Green (40%)

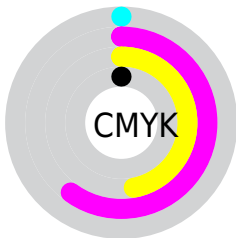
Blue (53%)



Red (100%)

Yellow (40%)

Blue (53%)

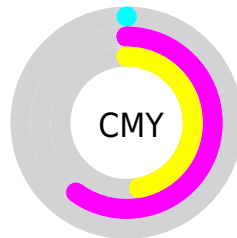


Cyan (0%)

Magenta (60%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (60%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.5403, 0.4590, 0.2961 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 32.5403, 0.4590, 0.2961 by changing the saturation by 10% instead.

 32.5403, 0.4590,
0.2961


 32.5403, 0.4590,
0.2961


313.5732, 0.3813,
0.3157


 21.7745, 0.4796,
0.2902


 63.6572, 0.4298,
0.3040


 13.6913, 0.5065,
0.2820


 84.7770, 0.4192,
0.3067

 7.9063, 0.5431,
0.2701


 110.1170, 0.4102,
0.3089

 4.0350, 0.5950,
0.2516

 140.0616, 0.4027,
0.3107

 1.6932, 0.6724,
0.2207

174.9951, 0.3962,
0.3123

 0.4192, 0.8500,
0.1500

215.3019, 0.3906,

 0.0000, 1.0000,

0.3136

0.0000

261.3665, 0.3857,
0.3147

■ 0.0000, 0.0000,
0.0000

■ 32.5403, 0.4590,
0.2961

■ 32.5403, 0.4590,
0.2961

■ 27.7606, 0.4990,
0.2946

■ 38.9585, 0.4227,
0.3000

■ 24.4769, 0.5397,
0.2965

■ 47.1583, 0.3914,
0.3054

■ 22.5049, 0.5766,
0.3023

■ 57.2561, 0.3653,
0.3114

■ 21.5523, 0.6056,
0.3110

■ 69.3610, 0.3440,
0.3175

■ 83.5739, 0.3267,
0.3234

99.9888, 0.3127,
0.3290

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.



32.5403, 0.3665, 0.2402



32.5403, 0.4590, 0.2961



32.5403, 0.5027, 0.3609

Triad

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



32.5403, 0.4590, 0.2961



32.5403, 0.3311, 0.5092



32.5403, 0.1601, 0.2016

Complementary

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



32.5403, 0.4590, 0.2961



79.5636, 0.2528, 0.3705

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.



32.5403, 0.1537, 0.2506



32.5403, 0.4590, 0.2961



32.5403, 0.2439, 0.4502

Square

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



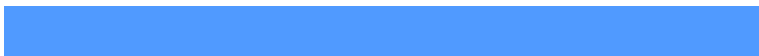
32.5403, 0.4590, 0.2961



32.5403, 0.4181, 0.4896



32.5403, 0.1807, 0.3413



32.5403, 0.1980, 0.1878

Rectangle

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



32.5403, 0.4590, 0.2961



32.5403, 0.4960, 0.4063



32.5403, 0.1807, 0.3413



32.5403, 0.1545, 0.2136

Sweetspot

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



32.5370, 0.4590, 0.2961



72.0405, 0.3402, 0.3187



31.8256, 0.2864, 0.1749



14.5938, 0.3457, 0.3170



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.



32.5370, 0.4590, 0.2961



26.9921, 0.5072, 0.2947



41.8003, 0.4726, 0.3698



18.0532, 0.3259, 0.3237



11.2797, 0.6019, 0.3089



1.1138, 0.5712, 0.2920

Inverse Universe

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



32.5370, 0.4590, 0.2961



26.9921, 0.5072, 0.2947



58.2361, 0.2276, 0.2784



18.0532, 0.3259, 0.3237



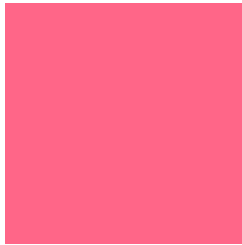
11.2797, 0.6019, 0.3089



1.1138, 0.5712, 0.2920

Previews

White Background



This preview shows how the Yxy color 32.5403, 0.4590, 0.2961 looks on a white background.

Color Contrast Check

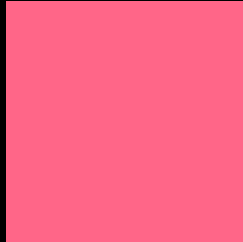
Large Text (above 18pt) WCAG AA × Fail

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 32.5403, 0.4590, 0.2961 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 32.5403, 0.4590, 0.2961

Background



This preview shows how black text looks on a background with the Yxy color 32.5403, 0.4590, 0.2961.



This preview shows how white text looks on a background with the Yxy color 32.5403, 0.4590, 0.2961.

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

32.5403, 0.4590, 0.2961

Protanopia

32.7601, 0.3046, 0.3141

Deuteranopia

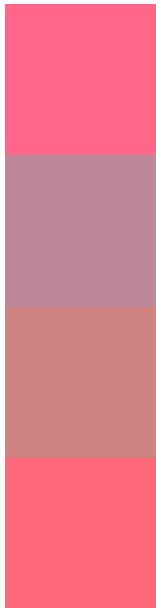
32.6636, 0.3648, 0.3578



Tritanopia

32.3830, 0.4848, 0.3227

Trichromacy



Original Color

32.5403, 0.4590, 0.2961

Protanomaly

30.7374, 0.3551, 0.3033

Deuteranomaly

31.4339, 0.3996, 0.3293

Tritanomaly

32.5545, 0.4761, 0.3139

Monochromacy



Original Color

32.5403, 0.4590, 0.2961

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

29.9443, 0.3623, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5403, 0.4590, 0.2961 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, 102, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 136)  
}
```

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, 102, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 136) }
```

Border

The CSS property to change the border of an element to Yxy 32.5403, 0.4590, 0.2961 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, 102, 136) }
```

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

```
.border{ border-color:rgb(255, 102, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 102, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5403, 0.4590, 0.2961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 136) }
```

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

```
.background{ background-color: rgb(255,  
102, 136) }
```

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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