

Converting Colors

$Y_{xy}(32.3491, 0.4465, 0.2835)$

Have a look what the booklet for
Yxy(32.3491, 0.4465, 0.2835)
contains.

Yxy(32.2590, 0.4468, 0.2833)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(32.2590, 0.4468, 0.2833)

Conversions

Conversions Part 1

Format	Color
Hex	FF6392
RGB	255, 99, 146
RGB Percent	100%, 39%, 57%
CMY	0.0002, 0.6115, 0.4275
CMYK	0.00, 0.61, 0.43, 0.00
HSL	342°, 100%, 69%
HSV	342°, 61%, 100%
XYZ	50.8765, 32.2590, 30.7332
YIQ	151.0020, 77.8890, 47.6890

Conversions

Conversions Part 2

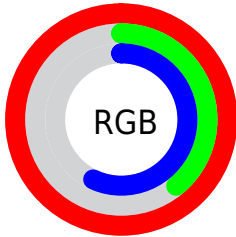
Format	Color
R _Y B	255, 99, 146
Decimal	16737170
CIE Lab	63.56, 63.06, 5.97
CIE LCh	64, 63.339, 5.411
Yxy	32.2590, 0.4468, 0.2833
Android (android.graphics.Color)	4294927250 (0xFFFF6392)
YUV	151.0020, -2.4660, 91.2062
Hunter-Lab	56.7970, 60.4985, 7.6758

Details

The Yxy color **32.2590, 0.4468, 0.2833** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **78.7015, 0.2574, 0.3875**, and the grayscale version is **30.9418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.2071, 0.3662, 0.2835**, and **13.5756, 0.4906, 0.2665** is the 20% darker color. If you saturate the color by 10%, you get **27.6534, 0.4827, 0.2807**, and if you desaturate by 10%, it is **38.4789, 0.4143, 0.2889**.

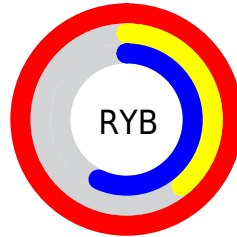
Distribution



Red (100%)

Green (39%)

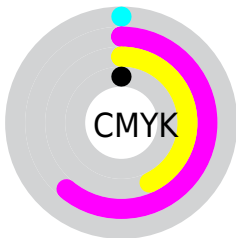
Blue (57%)



Red (100%)

Yellow (39%)

Blue (57%)

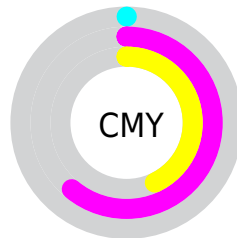


Cyan (0%)

Magenta (61%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (61%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2590, 0.4468, 0.2833 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 32.2590, 0.4468, 0.2833 by changing the saturation by 10% instead.


 32.2590, 0.4468,
0.2833


 32.2590, 0.4468,
0.2833


312.2974, 0.3758,
0.3085


 21.5594, 0.4656,
0.2763


 63.2169, 0.4202,
0.2930


 13.5335, 0.4903,
0.2669


 84.2440, 0.4104,
0.2965

 7.7969, 0.5240,
0.2537


 109.4824, 0.4023,
0.2993

 3.9653, 0.5721,
0.2342

 139.3164, 0.3953,
0.3018

 1.6542, 0.6448,
0.2031

174.1306, 0.3894,
0.3038

 0.3937, 0.8573,
0.1388

214.3092, 0.3843,


 0.0000, 1.0000,

0.3056

0.0000


260.2367, 0.3798,
0.3071


 0.0000, 0.0000,
0.0000

 32.2590, 0.4468,
0.2833


 32.2590, 0.4468,
0.2833

 27.6534, 0.4827,
0.2807

 38.4789, 0.4143,
0.2889

 24.5039, 0.5196,
0.2822


 46.4414, 0.3861,
0.2962

 22.6290, 0.5543,
0.2885

 56.2677, 0.3624,
0.3043

 21.7834, 0.5808,
0.2973

 68.0666, 0.3429,
0.3126

 81.9385, 0.3270,
0.3206

97.9770, 0.3140,
0.3282

99.9912, 0.3127,
0.3290

Harmonies

Analogous

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



32.2590, 0.3474, 0.2294



32.2590, 0.4468, 0.2833



32.2590, 0.5034, 0.3478

Triad

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



32.2590, 0.4468, 0.2833



32.2590, 0.3487, 0.5152



32.2590, 0.1537, 0.2056

Complementary

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



32.2590, 0.4468, 0.2833



78.7015, 0.2574, 0.3875

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.



32.2590, 0.1533, 0.2631



32.2590, 0.4468, 0.2833



32.2590, 0.2581, 0.4714

Square

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



32.2590, 0.4468, 0.2833



32.2590, 0.4349, 0.4823



32.2590, 0.1876, 0.3631



32.2590, 0.1858, 0.1856

Rectangle

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



32.2590, 0.4468, 0.2833



32.2590, 0.5044, 0.3935



32.2590, 0.1876, 0.3631



32.2590, 0.1500, 0.2201

Sweetspot

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



32.2607, 0.4468, 0.2833



72.2332, 0.3375, 0.3151



29.2144, 0.2738, 0.1672



14.6401, 0.3425, 0.3127



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.



32.2607, 0.4468, 0.2833



26.9755, 0.4895, 0.2806



37.4974, 0.4871, 0.3571



18.0771, 0.3247, 0.3219



11.4099, 0.5765, 0.2949



1.1293, 0.5445, 0.2773

Inverse Universe

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



32.2607, 0.4468, 0.2833



26.9755, 0.4895, 0.2806



64.4685, 0.2302, 0.2940



18.0771, 0.3247, 0.3219



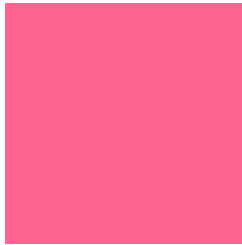
11.4099, 0.5765, 0.2949



1.1293, 0.5445, 0.2773

Previews

White Background



This preview shows how the Yxy color 32.2590, 0.4468, 0.2833 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 32.2590, 0.4468, 0.2833 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 32.2590, 0.4468, 0.2833

Background



This preview shows how black text looks on a background with the Yxy color 32.2590, 0.4468, 0.2833.



This preview shows how white text looks on a background with the Yxy color 32.2590, 0.4468, 0.2833.

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

32.2590, 0.4468, 0.2833

Protanopia

32.4408, 0.2887, 0.2935

Deuteranopia

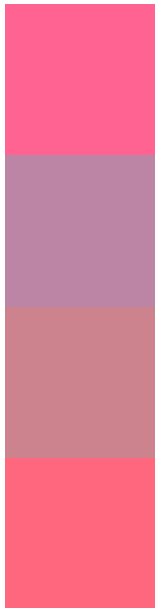
32.4729, 0.3501, 0.3436



Tritanopia

32.3830, 0.4848, 0.3227

Trichromacy



Original Color

32.2590, 0.4468, 0.2833

Protanomaly

30.2196, 0.3389, 0.2844

Deuteranomaly

31.0230, 0.3848, 0.3149

Tritanomaly

32.2520, 0.4721, 0.3080

Monochromacy



Original Color

32.2590, 0.4468, 0.2833

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.4913, 0.3594, 0.3058

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2590, 0.4468, 0.2833 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, 99, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 99, 146)  
}
```

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, 99, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 99, 146) }
```

Border

The CSS property to change the border of an element to Yxy 32.2590, 0.4468, 0.2833 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, 99, 146) }
```

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

```
.border{ border-color:rgb(255, 99, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 99, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 99, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 99, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 99,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2590, 0.4468, 0.2833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 99, 146) }
```

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

```
.background{ background-color: rgb(255, 99,  
146) }
```

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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