

Converting Colors

$Y_{xy}(32.4359, 0.4193, 0.2594)$

Have a look what the booklet for
Yxy(32.4359, 0.4193, 0.2594)
contains.

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Color

Yxy(32.4158, 0.4196, 0.2596)

Conversions

Conversions Part 1

Format	Color
Hex	FF60A7
RGB	255, 96, 167
RGB Percent	100%, 38%, 65%
CMY	0.0001, 0.6234, 0.3451
CMYK	0.00, 0.62, 0.35, 0.00
HSL	333°, 100%, 69%
HSV	333°, 62%, 100%
XYZ	52.3947, 32.4158, 40.0577
YIQ	151.6350, 71.9730, 55.7890

Conversions

Conversions Part 2

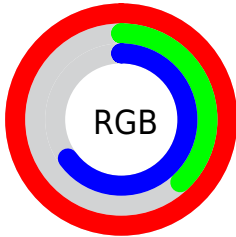
Format	Color
R _{YB}	255, 96, 167
Decimal	16736423
CIE Lab	63.69, 66.50, -5.92
CIE LCh	64, 66.764, 354.912
Yxy	32.4158, 0.4196, 0.2596
Android (android.graphics.Color)	4294926503 (0xFFFF60A7)
YUV	151.6350, 7.5749, 90.6511
Hunter-Lab	56.9349, 64.6299, -1.8603

Details

The Yxy color **32.4158, 0.4196, 0.2596** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **77.4602, 0.2670, 0.4201**, and the grayscale version is **31.1813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.6451, 0.3457, 0.2601**, and **13.6357, 0.4533, 0.2395** is the 20% darker color. If you saturate the color by 10%, you get **28.0000, 0.4469, 0.2543**, and if you desaturate by 10%, it is **38.4002, 0.3947, 0.2683**.

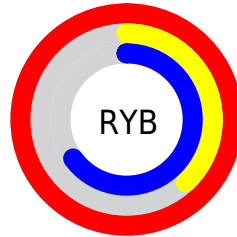
Distribution



Red (100%)

Green (38%)

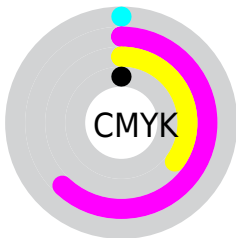
Blue (65%)



Red (100%)

Yellow (38%)

Blue (65%)

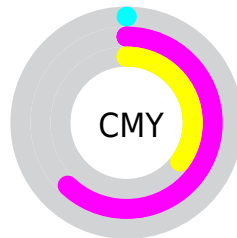


Cyan (0%)

Magenta (62%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4158, 0.4196, 0.2596 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 32.4158, 0.4196, 0.2596 by changing the saturation by 10% instead.

 32.4158, 0.4196,
0.2596


 32.4158, 0.4196,
0.2596


313.0090, 0.3640,
0.2950

 21.6793, 0.4341,
0.2506


 63.4624, 0.3989,
0.2726


 13.6214, 0.4530,
0.2391


 84.5412, 0.3913,
0.2774

 7.8578, 0.4786,
0.2237


 109.8363, 0.3849,
0.2815

 4.0041, 0.5151,
0.2023

 139.7320, 0.3795,
0.2850

 1.6759, 0.5704,
0.1710

174.6127, 0.3748,
0.2880

 0.4080, 0.6756,
0.1045

214.8629, 0.3707,

 0.0000, 1.0000,

0.2906

0.0000

260.8668, 0.3671,
0.2929

0.0000, 0.0000,
0.0000

32.4158, 0.4196,
0.2596

32.4158, 0.4196,
0.2596

28.0000, 0.4469,
0.2543

38.4002, 0.3947,
0.2683

24.9938, 0.4753,
0.2537

46.0815, 0.3729,
0.2792

23.2134, 0.5031,
0.2586

55.5806, 0.3543,
0.2911

22.4692, 0.5231,
0.2655

67.0056, 0.3386,
0.3033

80.4563, 0.3256,
0.3152

96.0255, 0.3149,
0.3265

99.9974, 0.3127,
0.3290

Harmonies

Analogous

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



32.4158, 0.3109, 0.2101



32.4158, 0.4196, 0.2596



32.4158, 0.4999, 0.3231

Triad

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



32.4158, 0.4196, 0.2596



32.4158, 0.3819, 0.5192



32.4158, 0.1436, 0.2156

Complementary

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



32.4158, 0.4196, 0.2596



77.4602, 0.2670, 0.4201

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.



32.4158, 0.1546, 0.2911



32.4158, 0.4196, 0.2596



32.4158, 0.2865, 0.5069

Square

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



32.4158, 0.4196, 0.2596



32.4158, 0.4653, 0.4651



32.4158, 0.2032, 0.4078



32.4158, 0.1652, 0.1831

Rectangle

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



32.4158, 0.4196, 0.2596



32.4158, 0.5168, 0.3693



32.4158, 0.2032, 0.4078



32.4158, 0.1435, 0.2354

Sweetspot

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



32.4175, 0.4196, 0.2596



71.2796, 0.3340, 0.3073



25.7118, 0.2539, 0.1559



14.4723, 0.3379, 0.3039



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.



32.4175, 0.4196, 0.2596



27.0734, 0.4544, 0.2536



31.9970, 0.5084, 0.3368



18.1219, 0.3224, 0.3184



11.7711, 0.5191, 0.2633



1.1677, 0.4909, 0.2478

Inverse Universe

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



32.4175, 0.4196, 0.2596



27.0734, 0.4544, 0.2536



76.2521, 0.2352, 0.3194



18.1219, 0.3224, 0.3184



11.7711, 0.5191, 0.2633



1.1677, 0.4909, 0.2478

Previews

White Background



This preview shows how the Yxy color 32.4158, 0.4196, 0.2596 looks on a white background.

Color Contrast Check

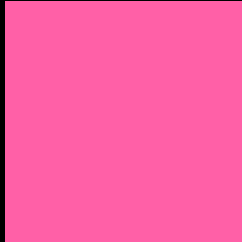
Large Text (above 18pt) WCAG AA × Fail

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 32.4158, 0.4196, 0.2596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

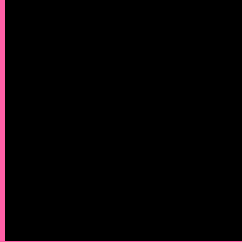
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4158, 0.4196, 0.2596

Background



This preview shows how black text looks on a background with the Yxy color 32.4158, 0.4196, 0.2596.



This preview shows how white text looks on a background with the Yxy color 32.4158, 0.4196, 0.2596.

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

32.4158, 0.4196, 0.2596

Protanopia

32.8048, 0.2604, 0.2567

Deuteranopia

32.5314, 0.3215, 0.3159



Tritanopia

32.4722, 0.4793, 0.3226

Trichromacy



Original Color

32.4158, 0.4196, 0.2596



Protanomaly

30.2092, 0.3070, 0.2511



Deuteranomaly

30.7160, 0.3561, 0.2874



Tritanomaly

32.3173, 0.4578, 0.2995

Monochromacy



Original Color

32.4158, 0.4196, 0.2596



Achromatopsia

31.3989, 0.3127, 0.3290



Achromatomaly

29.7557, 0.3502, 0.2950

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4158, 0.4196, 0.2596 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, 96, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 96, 167)  
}
```

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, 96, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 96, 167) }
```

Border

The CSS property to change the border of an element to Yxy 32.4158, 0.4196, 0.2596 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, 96, 167) }
```

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

```
.border{ border-color:rgb(255, 96, 167) }
```

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

Here you see how a box with a 4 pixel rgb(255, 96, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 96, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 96, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 96,  
167) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.4158, 0.4196, 0.2596$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 96, 167) }
```

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

```
.background{ background-color: rgb(255, 96,  
167) }
```

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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