

Converting Colors

$Y_{xy}(26.3751, 0.3601, 0.2801)$

Have a look what the booklet for
Yxy(26.3751, 0.3601, 0.2801)
contains.

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Color

Yxy(26.4964, 0.3605, 0.2806)

Conversions

Conversions Part 1

Format	Color
Hex	C0769A
RGB	192, 118, 154
RGB Percent	75%, 46%, 60%
CMY	0.2472, 0.5371, 0.3961
CMYK	0.00, 0.39, 0.20, 0.25
HSL	331°, 37%, 61%
HSV	331°, 39%, 75%
XYZ	34.0412, 26.4964, 33.8901
YIQ	144.2300, 32.5480, 26.8840

Conversions

Conversions Part 2

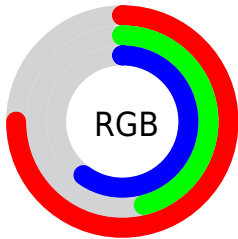
Format	Color
R_{YB}	192, 118, 154
Decimal	12613274
CIE _{Lab}	58.51, 33.94, -7.08
CIE _{LCh}	59, 34.667, 348.211
Yxy	26.4964, 0.3605, 0.2806
Android (android.graphics.Color)	4290803354 (0xFFC0769A)
YUV	144.2300, 4.8166, 41.8943
Hunter-Lab	51.4747, 27.9648, -3.0033

Details

The Yxy color **26.4964, 0.3605, 0.2806** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **43.9345, 0.2823, 0.3838**, and the grayscale version is **27.9590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0039, 0.3514, 0.2903**, and **10.4319, 0.3771, 0.2653** is the 20% darker color. If you saturate the color by 10%, you get **22.1110, 0.3789, 0.2684**, and if you desaturate by 10%, it is **31.8313, 0.3448, 0.2935**.

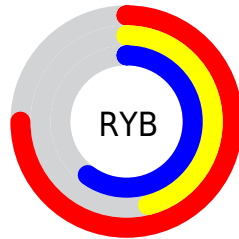
Distribution



Red (75%)

Green (46%)

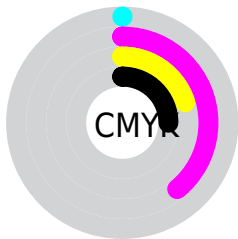
Blue (60%)



Red (75%)

Yellow (46%)

Blue (60%)

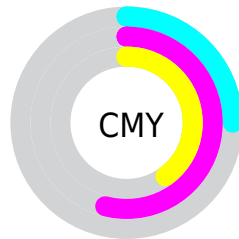


Cyan (0%)

Magenta (39%)

Yellow (20%)

Black (25%)



Cyan (25%)

Magenta (54%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4964, 0.3605, 0.2806 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 26.4964, 0.3605, 0.2806 by changing the saturation by 10% instead.

 26.4964, 0.3605,
0.2806


 26.4964, 0.3605,
0.2806


285.2104, 0.3348,
0.3062


 17.1954, 0.3676,
0.2737


 54.0747, 0.3507,
0.2902

 10.3739, 0.3770,
0.2646


 73.1207, 0.3472,
0.2938

 5.6476, 0.3904,
0.2520


 96.1839, 0.3442,
0.2967

 2.6320, 0.4108,
0.2333

123.6486, 0.3418,
0.2992

 0.9428, 0.4451,
0.2030

155.8992, 0.3397,
0.3013

 0.0000, 0.6806,
0.0000

193.3201, 0.3378,

 0.0000, 0.0000,

0.3031

0.0000

236.2957, 0.3362,
0.3048

■ 26.4964, 0.3605,
0.2806

■ 26.4964, 0.3605,
0.2806

■ 22.1110, 0.3789,
0.2684

■ 31.8313, 0.3448,
0.2935

■ 18.6145, 0.4000,
0.2577

■ 38.1640, 0.3316,
0.3064

■ 15.9452, 0.4234,
0.2498

■ 45.5440, 0.3206,
0.3189


■ 14.0318, 0.4485,
0.2458

■ 54.0163, 0.3115,
0.3307

■ 12.7908, 0.4739,
0.2469

■ 63.6234, 0.3039,
0.3417


 12.0866, 0.4985,
0.2530

 74.4054, 0.2977,
0.3519

 11.9983, 0.5022,
0.2540

 86.4005, 0.2926,
0.3612

 88.5957, 0.2875,
0.3529

 89.1745, 0.2824,
0.3421

Harmonies

Analogous

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



26.4964, 0.3007, 0.2508



26.4964, 0.3605, 0.2806



26.4964, 0.4096, 0.3216

Triad

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



26.4964, 0.3605, 0.2806



26.4964, 0.3720, 0.4338



26.4964, 0.2083, 0.2742

Complementary

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



26.4964, 0.3605, 0.2806



43.9345, 0.2823, 0.3838

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.



26.4964, 0.2234, 0.3252



26.4964, 0.3605, 0.2806



26.4964, 0.3158, 0.4274

Square

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



26.4964, 0.3605, 0.2806



26.4964, 0.4144, 0.4084



26.4964, 0.2617, 0.3849



26.4964, 0.2174, 0.2446

Rectangle

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



26.4964, 0.3605, 0.2806



26.4964, 0.4268, 0.3518



26.4964, 0.2617, 0.3849



26.4964, 0.2106, 0.2891

Sweetspot

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



26.4976, 0.3605, 0.2806



77.4151, 0.3244, 0.3144



23.7355, 0.2781, 0.2237



16.2273, 0.3258, 0.3127



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.4976, 0.3605, 0.2806



41.3744, 0.3754, 0.2704



25.4734, 0.4069, 0.3293



10.1577, 0.3215, 0.3179



8.0931, 0.4994, 0.2525



0.3636, 0.4492, 0.2248

Inverse Universe

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



26.4976, 0.3605, 0.2806



41.3744, 0.3754, 0.2704



45.3385, 0.2598, 0.3288



10.1577, 0.3215, 0.3179



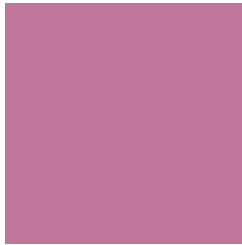
8.0931, 0.4994, 0.2525



0.3636, 0.4492, 0.2248

Previews

White Background



This preview shows how the Yxy color 26.4964, 0.3605, 0.2806 looks on a white background.

Color Contrast Check

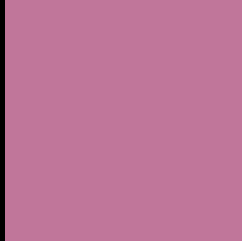
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4964, 0.3605, 0.2806 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 × Fail

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

Yxy 26.4964, 0.3605, 0.2806

Background



This preview shows how black text looks on a background with the Yxy color 26.4964, 0.3605, 0.2806.



This preview shows how white text looks on a background with the Yxy color 26.4964, 0.3605, 0.2806.

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

26.4964, 0.3605, 0.2806

Protanopia

26.7342, 0.2813, 0.2845

Deuteranopia

26.6097, 0.3127, 0.3069



Tritanopia

26.5049, 0.3859, 0.3167

Trichromacy



Original Color

26.4964, 0.3605, 0.2806

Protanomaly

26.2148, 0.3073, 0.2819

Deuteranomaly

26.2316, 0.3291, 0.2960

Tritanomaly

26.6152, 0.3773, 0.3044

Monochromacy



Original Color

26.4964, 0.3605, 0.2806

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.0431, 0.3282, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4964, 0.3605, 0.2806 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(192, 118, 154)` looks like.

```
.text, #text, p{  
    color:rgb(192, 118, 154)  
}
```

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(192, 118, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 118, 154) }
```

Border

The CSS property to change the border of an element to Yxy 26.4964, 0.3605, 0.2806 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(192, 118, 154) }
```

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

```
.border{ border-color:rgb(192, 118, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 118, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 118, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 118, 154); box-shadow:4px 4px 4px 4px rgb(192, 118, 154) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4964, 0.3605, 0.2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 118, 154) }
```

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

```
.background{ background-color: rgb(192,  
118, 154) }
```

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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