

Converting Colors

$Y_{xy}(26.6795, 0.3607, 0.2525)$

Have a look what the booklet for
Yxy(26.6795, 0.3607, 0.2525)
contains.

Yxy(26.6454, 0.3617, 0.2526)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.6454, 0.3617, 0.2526)

Conversions

Conversions Part 1

Format	Color
Hex	CF6BA9
RGB	207, 107, 169
RGB Percent	81%, 42%, 66%
CMY	0.1882, 0.5804, 0.3371
CMYK	0.00, 0.48, 0.18, 0.19
HSL	323°, 51%, 62%
HSV	323°, 48%, 81%
XYZ	38.1538, 26.6454, 40.6854
YIQ	143.9680, 39.6980, 40.4820

Conversions

Conversions Part 2

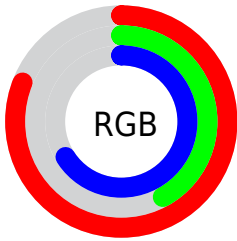
Format	Color
R _Y B	207, 107, 169
Decimal	13593513
CIE Lab	58.64, 47.09, -15.36
CIE LCh	59, 49.535, 341.941
Yxy	26.6454, 0.3617, 0.2526
Android (android.graphics.Color)	4291783593 (0xFFCF6BA9)
YUV	143.9680, 12.3408, 55.2791
Hunter-Lab	51.6192, 41.6028, -10.5980

Details

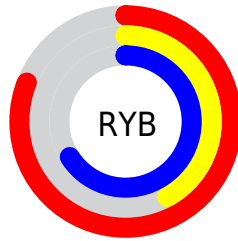
The Yxy color **26.6454, 0.3617, 0.2526** is a light color, and the websafe version is hex **CC6699**, and the color name is **super pink**. A complement of this color would be **49.7947, 0.2840, 0.4223**, and the grayscale version is **27.8149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1316, 0.3430, 0.2652**, and **10.4067, 0.3764, 0.2290** is the 20% darker color. If you saturate the color by 10%, you get **22.5484, 0.3766, 0.2390**, and if you desaturate by 10%, it is **31.7957, 0.3485, 0.2680**.

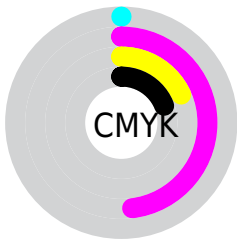
Distribution



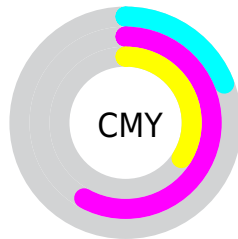
- Red (81%)
- Green (42%)
- Blue (66%)



- Red (81%)
- Yellow (42%)
- Blue (66%)



- Cyan (0%)
- Magenta (48%)
- Yellow (18%)
- Black (19%)





- Cyan (19%)
- Magenta (58%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6454, 0.3617, 0.2526 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 26.6454, 0.3617, 0.2526 by changing the saturation by 10% instead.


 26.6454, 0.3617,
0.2526


 26.6454, 0.3617,
0.2526


285.9361, 0.3362,
0.2917


 17.3071, 0.3684,
0.2426


 54.3143, 0.3522,
0.2670


 10.4537, 0.3771,
0.2296


 73.4137, 0.3487,
0.2724

 5.7008, 0.3890,
0.2122


 96.5356, 0.3458,
0.2769

 2.6640, 0.4061,
0.1878

 124.0644, 0.3433,
0.2807

 0.9589, 0.4327,
0.1514

156.3844, 0.3412,
0.2840

 0.0000, 0.5280,
0.0000

193.8801, 0.3393,

 0.0000, 0.0000,

0.2869

0.0000

236.9359, 0.3377,
0.2895

■ 26.6454, 0.3617,
0.2526

■ 26.6454, 0.3617,
0.2526

■ 22.5484, 0.3766,
0.2390

■ 31.7957, 0.3485,
0.2680

■ 19.4257, 0.3928,
0.2282

■ 38.0632, 0.3369,
0.2842

■ 17.1931, 0.4098,
0.2215


■ 45.5115, 0.3270,
0.3005


■ 15.7504, 0.4271,
0.2197


■ 54.1978, 0.3186,
0.3164

■ 14.9462, 0.4440,
0.2228

■ 64.1761, 0.3116,
0.3315

 14.8348, 0.4469,
0.2236

 75.4968, 0.3057,
0.3456

 88.2077, 0.3009,
0.3588

 90.6062, 0.2966,
0.3534

 91.0626, 0.2924,
0.3449

Harmonies

Analogous

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



26.6454, 0.2777, 0.2178



26.6454, 0.3617, 0.2526



26.6454, 0.4392, 0.3033

Triad

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



26.6454, 0.3617, 0.2526



26.6454, 0.4056, 0.4703



26.6454, 0.1726, 0.2615

Complementary

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



26.6454, 0.3617, 0.2526



49.7947, 0.2840, 0.4223

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.



26.6454, 0.1973, 0.3387



26.6454, 0.3617, 0.2526



26.6454, 0.3296, 0.4803

Square

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



26.6454, 0.3617, 0.2526



26.6454, 0.4611, 0.4218



26.6454, 0.2532, 0.4283



26.6454, 0.1786, 0.2176

Rectangle

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



26.6454, 0.3617, 0.2526



26.6454, 0.4699, 0.3420



26.6454, 0.2532, 0.4283



26.6454, 0.1773, 0.2838

Sweetspot

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



26.6467, 0.3617, 0.2526



78.4573, 0.3234, 0.3072



20.9197, 0.2531, 0.1894



16.1610, 0.3253, 0.3037



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.



26.6467, 0.3617, 0.2526



35.9128, 0.3772, 0.2385



25.1449, 0.4275, 0.3125



11.9298, 0.3195, 0.3147



9.3655, 0.4447, 0.2223



0.5388, 0.4161, 0.2066

Inverse Universe

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



26.6467, 0.3617, 0.2526



35.9128, 0.3772, 0.2385



51.6315, 0.2564, 0.3477



11.9298, 0.3195, 0.3147



9.3655, 0.4447, 0.2223



0.5388, 0.4161, 0.2066

Previews

White Background



This preview shows how the Yxy color 26.6454, 0.3617, 0.2526 looks on a white background.

Color Contrast Check

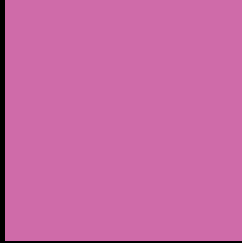
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6454, 0.3617, 0.2526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

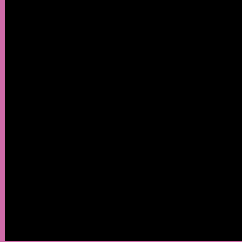
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6454, 0.3617, 0.2526

Background



This preview shows how black text looks on a background with the Yxy color 26.6454, 0.3617, 0.2526.



This preview shows how white text looks on a background with the Yxy color 26.6454, 0.3617, 0.2526.

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

26.6454, 0.3617, 0.2526

Protanopia

26.9976, 0.2543, 0.2497

Deuteranopia

26.8770, 0.2947, 0.2884



Tritanopia

26.5280, 0.4106, 0.3175

Trichromacy



Original Color

26.6454, 0.3617, 0.2526



Protanomaly

25.8676, 0.2860, 0.2475



Deuteranomaly

26.2567, 0.3176, 0.2724



Tritanomaly

26.5707, 0.3929, 0.2932

Monochromacy



Original Color

26.6454, 0.3617, 0.2526



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

26.7480, 0.3301, 0.2963

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6454, 0.3617, 0.2526 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(207, 107, 169)` looks like.

```
.text, #text, p{  
    color:rgb(207, 107, 169)  
}
```

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(207, 107, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 107, 169) }
```

Border

The CSS property to change the border of an element to Yxy 26.6454, 0.3617, 0.2526 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(207, 107, 169) }
```

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

```
.border{ border-color:rgb(207, 107, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 107, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 107, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 107, 169);  
box-shadow:4px 4px 4px 4px rgb(207, 107,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6454, 0.3617, 0.2526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 107, 169) }
```

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

```
.background{ background-color: rgb(207,  
107, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor