

# Converting Colors

Yxy(26.6367, 0.3199, 0.2052)

Have a look what the booklet for  
Yxy(26.6367, 0.3199, 0.2052)  
contains.

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# Color

**Yxy(26.6015, 0.3207, 0.2055)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D062CE
RGB	208, 98, 206
RGB Percent	82%, 38%, 81%
CMY	0.1844, 0.6156, 0.1922
CMYK	0.00, 0.53, 0.01, 0.18
HSL	301°, 54%, 60%
HSV	301°, 53%, 82%
XYZ	41.5139, 26.6015, 61.3323
YIQ	143.2020, 30.8920, 56.9080

# Conversions

## Conversions Part 2

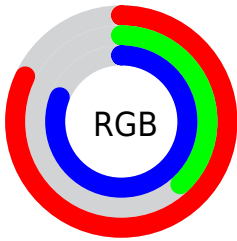
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	208, 98, 206
Decimal	13656782
CIE <sub>Lab</sub>	58.60, 57.80, -36.55
CIE <sub>LCh</sub>	59, 68.381, 327.693
Yxy	26.6015, 0.3207, 0.2055
Android (android.graphics.Color)	4291846862 (0xFFD062CE)
YUV	143.2020, 30.9594, 56.8278
Hunter-Lab	51.5766, 53.4150, -34.4010

# Details

The Yxy color **26.6015, 0.3207, 0.2055** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **48.6176, 0.3038, 0.4942**, and the grayscale version is **27.4209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2625, 0.3174, 0.2302**, and **10.3996, 0.3200, 0.1739** is the 20% darker color. If you saturate the color by 10%, you get **23.1839, 0.3221, 0.1878**, and if you desaturate by 10%, it is **31.0325, 0.3192, 0.2263**.

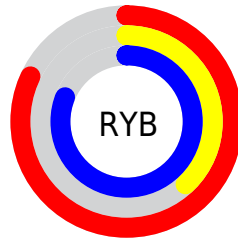
# Distribution



Red (82%)

Green (38%)

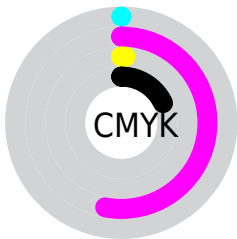
Blue (81%)



Red (82%)

Yellow (38%)

Blue (81%)

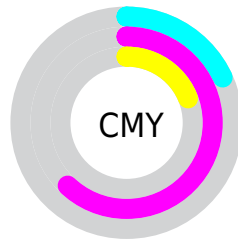


Cyan (0%)

Magenta (53%)

Yellow (1%)

Black (18%)



Cyan (18%)

Magenta (62%)


Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6015, 0.3207, 0.2055 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 26.6015, 0.3207, 0.2055 by changing the saturation by 10% instead.





 26.6015, 0.3207,  
0.2055


 26.6015, 0.3207,  
0.2055


285.7224, 0.3190,  
0.2654


 17.2742, 0.3204,  
0.1914


 54.2437, 0.3207,  
0.2267

 10.4302, 0.3195,  
0.1739


 73.3274, 0.3205,  
0.2348

 5.6851, 0.3175,  
0.1518


 96.4320, 0.3202,  
0.2418

 2.6546, 0.3133,  
0.1234

 123.9419, 0.3200,  
0.2478

 0.9542, 0.3040,  
0.0867

156.2415, 0.3198,  
0.2530

 0.0000, 0.2949,  
0.0000

193.7152, 0.3195,


 0.0000, 0.1502,


0.2576


0.0000


236.7474, 0.3193,  
0.2617


 0.0000, 0.0000,  
0.0000

 26.6015, 0.3207,  
0.2055


 26.6015, 0.3207,  
0.2055


 23.1839, 0.3221,  
0.1878

 31.0325, 0.3192,  
0.2263


 20.6961, 0.3233,  
0.1738

 36.5449, 0.3177,  
0.2493


 19.0472, 0.3243,  
0.1641

 43.2048, 0.3161,  
0.2735

 18.1264, 0.3250,  
0.1587

 51.0720, 0.3146,  
0.2981

 17.7763, 0.3255,  
0.1567

 60.2023, 0.3131,  
0.3222

■ 70.6479, 0.3118,  
0.3454

■ 82.4581, 0.3105,  
0.3673

■ 89.5291, 0.3098,  
0.3785

■ 89.5477, 0.3096,  
0.3781

# Harmonies

## Analogous

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



26.6015, 0.2203, 0.1747



26.6015, 0.3207, 0.2055



26.6015, 0.4395, 0.2594

# Triad

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



26.6015, 0.3207, 0.2055



26.6015, 0.4672, 0.4791



26.6015, 0.1404, 0.2762

# Complementary

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



26.6015, 0.3207, 0.2055



48.6176, 0.3038, 0.4942

# 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.



26.6015, 0.1868, 0.4025



26.6015, 0.3207, 0.2055



26.6015, 0.3746, 0.5385

# Square

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



26.6015, 0.3207, 0.2055



26.6015, 0.5262, 0.4009



26.6015, 0.2726, 0.5197



26.6015, 0.1330, 0.2009



# Rectangle

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



26.6015, 0.3207, 0.2055



26.6015, 0.5017, 0.3035



26.6015, 0.2726, 0.5197



26.6015, 0.1512, 0.3136

# Sweetspot

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



26.6027, 0.3207, 0.2055



76.6271, 0.3151, 0.2899



15.9951, 0.2129, 0.1622



15.8398, 0.3154, 0.2848



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.



26.6027, 0.3207, 0.2055



36.3625, 0.3222, 0.1864



24.3868, 0.3888, 0.2636



12.0052, 0.3141, 0.3065



11.0840, 0.3254, 0.1566



0.6210, 0.3245, 0.1562



# Inverse Universe

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



26.6027, 0.3207, 0.2055



36.3625, 0.3222, 0.1864



50.0582, 0.2737, 0.4090



12.0052, 0.3141, 0.3065



11.0840, 0.3254, 0.1566

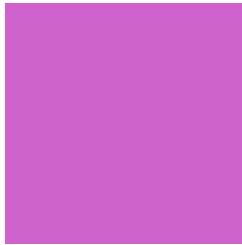


0.6210, 0.3245, 0.1562



# Previews

## White Background



This preview shows how the Yxy color 26.6015, 0.3207, 0.2055 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

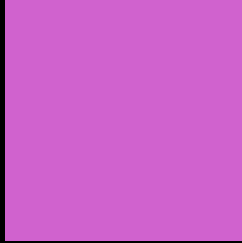
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the Yxy color 26.6015, 0.3207, 0.2055 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

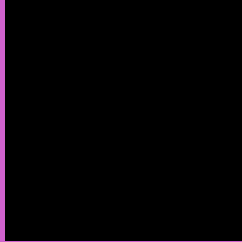
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**Yxy 26.6015, 0.3207, 0.2055**

## Background



This preview shows how black text looks on a background with the Yxy color 26.6015, 0.3207, 0.2055.



This preview shows how white text looks on a background with the Yxy color 26.6015, 0.3207, 0.2055.

# 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

26.6015, 0.3207, 0.2055

### Protanopia

27.0692, 0.2078, 0.1882

### Deuteranopia

26.9446, 0.2455, 0.2399



## Tritanopia

26.4949, 0.4023, 0.3172

# Trichromacy



## Original Color

26.6015, 0.3207, 0.2055



## Protanomaly

25.0857, 0.2360, 0.1885



## Deuteranomaly

25.7038, 0.2683, 0.2215



## Tritanomaly

26.3257, 0.3716, 0.2714

# Monochromacy



## Original Color

26.6015, 0.3207, 0.2055



## Achromatopsia

27.4677, 0.3127, 0.3290



## Achromatomaly

26.1474, 0.3165, 0.2722

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 26.6015, 0.3207, 0.2055 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(208, 98, 206)` looks like.

```
.text, #text, p{  
    color:rgb(208, 98, 206)  
}
```

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(208, 98, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 98, 206) }
```

## Border

The CSS property to change the border of an element to Yxy 26.6015, 0.3207, 0.2055 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(208, 98, 206) }
```

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

```
.border{ border-color:rgb(208, 98, 206) }
```

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

Here you see how a box with a 4 pixel rgb(208, 98, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 98, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 98, 206);  
box-shadow:4px 4px 4px 4px rgb(208, 98,  
206) }
```



# Background

The CSS property to change the background color of an element to Yxy 26.6015, 0.3207, 0.2055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 98, 206) }
```

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

```
.background{ background-color: rgb(208, 98,  
206) }
```

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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