

Converting Colors

$Y_{xy}(26.8048, 0.3331, 0.2226)$

Have a look what the booklet for
Yxy(26.8048, 0.3331, 0.2226)
contains.

| | |
|--|----|
| Yxy(26.8161, 0.3336, 0.2225) | 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(26.8161, 0.3336, 0.2225)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CF67C1 |
| RGB | 207, 103, 193 |
| RGB Percent | 81%, 40%, 76% |
| CMY | 0.1882, 0.5960, 0.2432 |
| CMYK | 0.00, 0.50, 0.07, 0.19 |
| HSL | 308°, 52%, 61% |
| HSV | 308°, 50%, 81% |
| XYZ | 40.2061, 26.8161, 53.4996 |
| YIQ | 144.3560, 33.0940, 50.0380 |

Conversions

Conversions Part 2

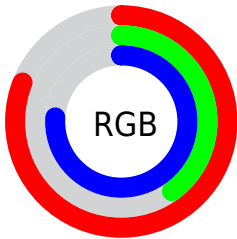
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 207, 103, 193 |
| Decimal | 13592513 |
| CIE Lab | 58.80, 52.91, -28.85 |
| CIE LCh | 59, 60.260, 331.399 |
| Yxy | 26.8161, 0.3336, 0.2225 |
| Android (android.graphics.Color) | 4291782593 (0xFFCF67C1) |
| YUV | 144.3560, 23.9815, 54.9388 |
| Hunter-Lab | 51.7843, 47.9676, -25.0050 |

Details

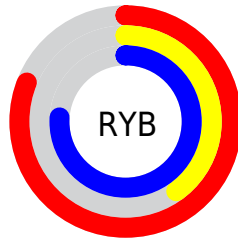
The Yxy color **26.8161, 0.3336, 0.2225** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **48.7941, 0.2977, 0.4668**, and the grayscale version is **27.9335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6158, 0.3212, 0.2389**, and **10.5447, 0.3372, 0.1939** is the 20% darker color. If you saturate the color by 10%, you get **23.0730, 0.3388, 0.2052**, and if you desaturate by 10%, it is **31.5832, 0.3287, 0.2423**.

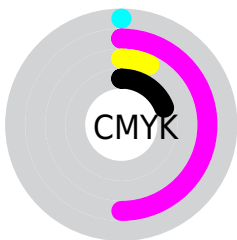
Distribution



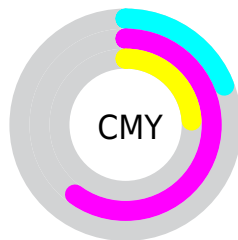
- Red (81%)
- Green (40%)
- Blue (76%)



- Red (81%)
- Yellow (40%)
- Blue (76%)



- Cyan (0%)
- Magenta (50%)
- Yellow (7%)
- Black (19%)





- Cyan (19%)
- Magenta (60%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8161, 0.3336, 0.2225 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 26.8161, 0.3336, 0.2225 by changing the saturation by 10% instead.


 26.8161, 0.3336,
0.2225


 26.8161, 0.3336,
0.2225


286.7656, 0.3244,
0.2752


 17.4352, 0.3354,
0.2097


 54.5886, 0.3306,
0.2414


 10.5452, 0.3375,
0.1936


 73.7490, 0.3294,
0.2486

 5.7619, 0.3396,
0.1728


 96.9380, 0.3283,
0.2547

 2.7009, 0.3416,
0.1452

 124.5399, 0.3273,
0.2599

 0.9776, 0.3418,
0.1077

156.9393, 0.3265,
0.2645

 0.0000, 0.3559,
0.0000

194.5204, 0.3257,


 0.0000, 0.1453,


0.2685

0.0000


237.6677, 0.3250,
0.2720


 0.0000, 0.0000,
0.0000


 26.8161, 0.3336,
0.2225


 26.8161, 0.3336,
0.2225


 23.0730, 0.3388,
0.2052


 31.5832, 0.3287,
0.2423


 20.2735, 0.3440,
0.1913


 37.4395, 0.3240,
0.2636


 18.3315, 0.3491,
0.1816

 44.4489, 0.3198,
0.2855

 17.1432, 0.3540,
0.1763

 52.6695, 0.3161,
0.3074

 16.5240, 0.3585,
0.1748

 62.1554, 0.3128,
0.3285

■ 72.9574, 0.3099,
0.3486

■ 85.1237, 0.3074,
0.3675

■ 89.7070, 0.3057,
0.3716

■ 89.8520, 0.3041,
0.3685

Harmonies

Analogous

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



26.8161, 0.2399, 0.1910



26.8161, 0.3336, 0.2225



26.8161, 0.4364, 0.2747

Triad

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



26.8161, 0.3336, 0.2225



26.8161, 0.4460, 0.4757



26.8161, 0.1543, 0.2734

Complementary

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



26.8161, 0.3336, 0.2225



48.7941, 0.2977, 0.4668

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.



26.8161, 0.1938, 0.3791



26.8161, 0.3336, 0.2225



26.8161, 0.3611, 0.5166

Square

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



26.8161, 0.3336, 0.2225



26.8161, 0.5012, 0.4078



26.8161, 0.2689, 0.4844



26.8161, 0.1504, 0.2096

Rectangle

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



26.8161, 0.3336, 0.2225



26.8161, 0.4868, 0.3165



26.8161, 0.2689, 0.4844



26.8161, 0.1632, 0.3047

Sweetspot

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



26.8173, 0.3336, 0.2225



77.6493, 0.3179, 0.2966



17.9808, 0.2282, 0.1751



16.0278, 0.3187, 0.2919



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.



26.8173, 0.3336, 0.2225



36.7252, 0.3390, 0.2044



24.8950, 0.4001, 0.2813



11.9805, 0.3158, 0.3091



10.4213, 0.3579, 0.1745



0.5905, 0.3501, 0.1702

Inverse Universe

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



26.8173, 0.3336, 0.2225



36.7252, 0.3390, 0.2044



50.3689, 0.2681, 0.3852



11.9805, 0.3158, 0.3091



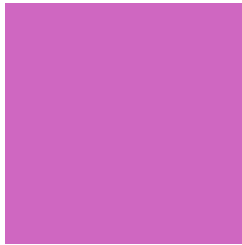
10.4213, 0.3579, 0.1745



0.5905, 0.3501, 0.1702

Previews

White Background



This preview shows how the Yxy color 26.8161, 0.3336, 0.2225 looks on a white background.

Color Contrast Check

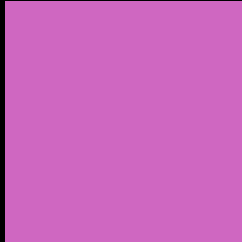
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8161, 0.3336, 0.2225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

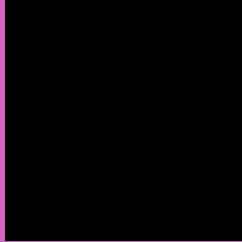
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8161, 0.3336, 0.2225

Background



This preview shows how black text looks on a background with the Yxy color 26.8161, 0.3336, 0.2225.



This preview shows how white text looks on a background with the Yxy color 26.8161, 0.3336, 0.2225.

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

26.8161, 0.3336, 0.2225

Protanopia

27.1187, 0.2248, 0.2104

Deuteranopia

27.1693, 0.2622, 0.2571



Tritanopia

26.6313, 0.4035, 0.3173

Trichromacy



Original Color

26.8161, 0.3336, 0.2225



Protanomaly

25.7358, 0.2552, 0.2114



Deuteranomaly

26.2238, 0.2854, 0.2409



Tritanomaly

26.6012, 0.3775, 0.2801

Monochromacy



Original Color

26.8161, 0.3336, 0.2225



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

26.5246, 0.3206, 0.2806

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8161, 0.3336, 0.2225 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, 103, 193)` looks like.

```
.text, #text, p{  
    color:rgb(207, 103, 193)  
}
```

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, 103, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 103, 193) }
```

Border

The CSS property to change the border of an element to Yxy 26.8161, 0.3336, 0.2225 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, 103, 193) }
```

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

```
.border{ border-color:rgb(207, 103, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 103, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 103, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 103, 193);  
box-shadow:4px 4px 4px 4px rgb(207, 103,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8161, 0.3336, 0.2225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 103, 193) }
```

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

```
.background{ background-color: rgb(207,  
103, 193) }
```

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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