

Converting Colors

$Yxy(29.0644, 0.3461, 0.2553)$

Have a look what the booklet for
Yxy(29.0644, 0.3461, 0.2553)
contains.

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Color

Yxy(28.9686, 0.3467, 0.2555)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CC76B1 |
| RGB | 204, 118, 177 |
| RGB Percent | 80%, 46%, 69% |
| CMY | 0.2001, 0.5372, 0.3060 |
| CMYK | 0.00, 0.42, 0.13, 0.20 |
| HSL | 319°, 46%, 63% |
| HSV | 319°, 42%, 80% |
| XYZ | 39.3089, 28.9686, 45.1026 |
| YIQ | 150.4400, 32.3170, 36.5810 |

Conversions

Conversions Part 2

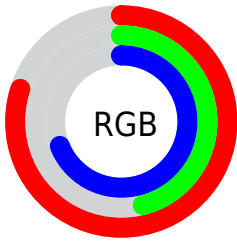
| Format | Color |
|-------------------------------------|--|
| RYB | 204, 118, 177 |
| Decimal | 13399729 |
| CIELab | 60.75, 41.69, -16.75 |
| CIElCh | 61, 44.929, 338.105 |
| Yxy | 28.9686, 0.3467, 0.2555 |
| Android (android.graphics.Color) | 4291589809 (0xFFCC76B1) |
| YUV | 150.4400, 13.0941, 46.9721 |
| Hunter-Lab | 53.8225, 36.1768, -12.0085 |

Details

The Yxy color **28.9686, 0.3467, 0.2555** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **49.0718, 0.2903, 0.4169**, and the grayscale version is **30.6304, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6482, 0.3340, 0.2677**, and **11.6476, 0.3572, 0.2338** is the 20% darker color. If you saturate the color by 10%, you get **24.4235, 0.3580, 0.2393**, and if you desaturate by 10%, it is **34.5671, 0.3367, 0.2730**.

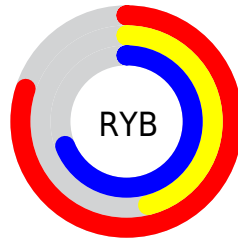
Distribution



Red (80%)

Green (46%)

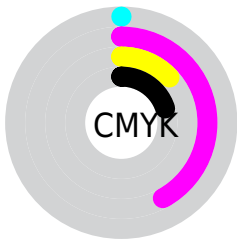
Blue (69%)



Red (80%)

Yellow (46%)

Blue (69%)

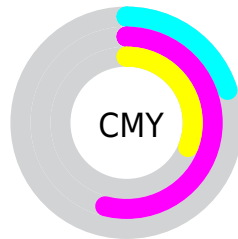


Cyan (0%)

Magenta (42%)

Yellow (13%)

Black (20%)



Cyan (20%)


Magenta (54%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9686, 0.3467, 0.2555 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 28.9686, 0.3467, 0.2555 by changing the saturation by 10% instead.


 28.9686, 0.3467,
0.2555


 28.9686, 0.3467,
0.2555


297.0668, 0.3295,
0.2927

 19.0571, 0.3510,
0.2461


 58.0272, 0.3404,
0.2691

 11.7115, 0.3566,
0.2340


 77.9430, 0.3381,
0.2742

 6.5476, 0.3640,
0.2179


 101.9625, 0.3361,
0.2785

 3.1808, 0.3744,
0.1954

130.4698, 0.3344,
0.2822

 1.2268, 0.3896,
0.1624

163.8496, 0.3329,
0.2853

 0.0835, 0.4493,
0.0334

202.4860, 0.3316,

 0.0000, 0.4408,

0.2881

0.0000

246.7636, 0.3305,
0.2906

0.0000, 0.0000,
0.0000

28.9686, 0.3467,
0.2555

28.9686, 0.3467,
0.2555

24.4235, 0.3580,
0.2393

34.5671, 0.3367,
0.2730

20.8600, 0.3704,
0.2254

41.2767, 0.3279,
0.2908

18.2037, 0.3835,
0.2148

49.1557, 0.3203,
0.3085


16.3678, 0.3970,
0.2086


58.2571, 0.3139,
0.3255


15.2480, 0.4104,
0.2073


68.6306, 0.3086,
0.3415

 14.7244, 0.4208,
0.2091

 80.3232, 0.3040,
0.3565

 89.6183, 0.3003,
0.3646

 89.9681, 0.2968,
0.3575

 90.3310, 0.2934,
0.3505

Harmonies

Analogous

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



28.9686, 0.2734, 0.2260



28.9686, 0.3467, 0.2555



28.9686, 0.4170, 0.3005

Triad

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



28.9686, 0.3467, 0.2555



28.9686, 0.4048, 0.4514



28.9686, 0.1879, 0.2775

Complementary

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



28.9686, 0.3467, 0.2555



49.0718, 0.2903, 0.4169

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.



28.9686, 0.2148, 0.3485



28.9686, 0.3467, 0.2555



28.9686, 0.3385, 0.4631

Square

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



28.9686, 0.3467, 0.2555



28.9686, 0.4495, 0.4078



28.9686, 0.2689, 0.4237



28.9686, 0.1896, 0.2331

Rectangle

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



28.9686, 0.3467, 0.2555



28.9686, 0.4478, 0.3356



28.9686, 0.2689, 0.4237



28.9686, 0.1936, 0.2987

Sweetspot

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



28.9699, 0.3467, 0.2555



79.9903, 0.3211, 0.3067



23.2334, 0.2572, 0.2072



16.4695, 0.3227, 0.3028



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.



28.9699, 0.3467, 0.2555



40.7773, 0.3574, 0.2400



27.5518, 0.3985, 0.3070



11.3414, 0.3185, 0.3132



9.2878, 0.4190, 0.2082



0.4925, 0.3953, 0.1951

Inverse Universe

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



28.9699, 0.3467, 0.2555



40.7773, 0.3574, 0.2400



50.6054, 0.2653, 0.3532



11.3414, 0.3185, 0.3132



9.2878, 0.4190, 0.2082



0.4925, 0.3953, 0.1951

Previews

White Background



This preview shows how the Yxy color 28.9686, 0.3467, 0.2555 looks on a white background.

Color Contrast Check

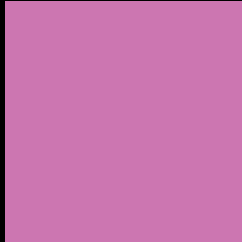
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9686, 0.3467, 0.2555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

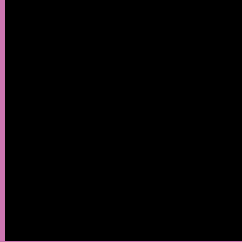
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9686, 0.3467, 0.2555

Background



This preview shows how black text looks on a background with the Yxy color 28.9686, 0.3467, 0.2555.



This preview shows how white text looks on a background with the Yxy color 28.9686, 0.3467, 0.2555.

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

28.9686, 0.3467, 0.2555

Protanopia

29.2229, 0.2582, 0.2535

Deuteranopia

29.0130, 0.2916, 0.2852



Tritanopia

28.8414, 0.3884, 0.3159

Trichromacy



Original Color

28.9686, 0.3467, 0.2555



Protanomaly

28.3730, 0.2859, 0.2523



Deuteranomaly

28.5412, 0.3101, 0.2721



Tritanomaly

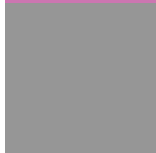
28.8178, 0.3732, 0.2926

Monochromacy



Original Color

28.9686, 0.3467, 0.2555



Achromatopsia

30.4987, 0.3127, 0.3290



Achromatomaly

29.2611, 0.3250, 0.2971

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9686, 0.3467, 0.2555 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(204, 118, 177)` looks like.

```
.text, #text, p{  
    color:rgb(204, 118, 177)  
}
```

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(204, 118, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 118, 177) }
```

Border

The CSS property to change the border of an element to Yxy 28.9686, 0.3467, 0.2555 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(204, 118, 177) }
```

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

```
.border{ border-color:rgb(204, 118, 177) }
```

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

Here you see how a box with a 4 pixel rgb(204, 118, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 118, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 118, 177);  
box-shadow:4px 4px 4px 4px rgb(204, 118,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9686, 0.3467, 0.2555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 118, 177) }
```

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

```
.background{ background-color: rgb(204,  
118, 177) }
```

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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