

Converting Colors

$Y_{xy}(28.5552, 0.3508, 0.2531)$

Have a look what the booklet for
Yxy(28.5552, 0.3508, 0.2531)
contains.

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Color

Yxy(28.6615, 0.3517, 0.2539)

Conversions

Conversions Part 1

Format	Color
Hex	CF73B0
RGB	207, 115, 176
RGB Percent	81%, 45%, 69%
CMY	0.1882, 0.5490, 0.3097
CMYK	0.00, 0.44, 0.15, 0.19
HSL	320°, 49%, 63%
HSV	320°, 44%, 81%
XYZ	39.7017, 28.6615, 44.5218
YIQ	149.4620, 35.2510, 38.4750

Conversions

Conversions Part 2

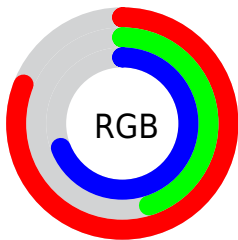
Format	Color
R _{YB}	207, 115, 176
Decimal	13595568
CIE Lab	60.48, 44.10, -16.58
CIE LCh	60, 47.112, 339.394
Yxy	28.6615, 0.3517, 0.2539
Android (android.graphics.Color)	4291785648 (0xFFCF73B0)
YUV	149.4620, 13.0832, 50.4608
Hunter-Lab	53.5364, 38.6836, -11.8311

Details

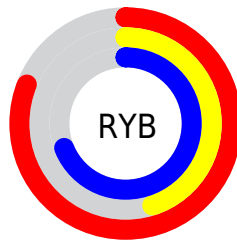
The Yxy color **28.6615, 0.3517, 0.2539** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **50.3484, 0.2881, 0.4195**, and the grayscale version is **30.1932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.4621, 0.3352, 0.2656**, and **11.5644, 0.3645, 0.2327** is the 20% darker color. If you saturate the color by 10%, you get **24.1911, 0.3642, 0.2386**, and if you desaturate by 10%, it is **34.2087, 0.3406, 0.2707**.

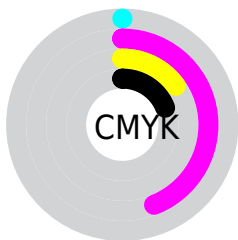
Distribution



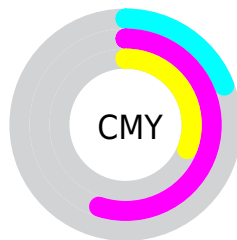
- Red (81%)
- Green (45%)
- Blue (69%)



- Red (81%)
- Yellow (45%)
- Blue (69%)



- Cyan (0%)
- Magenta (44%)
- Yellow (15%)
- Black (19%)





- Cyan (19%)
- Magenta (55%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6615, 0.3517, 0.2539 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 28.6615, 0.3517, 0.2539 by changing the saturation by 10% instead.


 28.6615, 0.3517,
0.2539


 28.6615, 0.3517,
0.2539


295.6145, 0.3318,
0.2919


 18.8249, 0.3567,
0.2443


 57.5388, 0.3444,
0.2678

 11.5438, 0.3633,
0.2320


 77.3484, 0.3417,
0.2730

 6.4339, 0.3720,
0.2155


 101.2510, 0.3394,
0.2774

 3.1107, 0.3843,
0.1926

129.6311, 0.3375,
0.2811

 1.1898, 0.4026,
0.1590

162.8731, 0.3358,
0.2844

 0.0533, 0.4730,
0.0217

201.3614, 0.3343,


 0.0000, 0.8633,

0.2872


0.0000

245.4804, 0.3330,
0.2897


 0.0000, 0.0000,
0.0000


 28.6615, 0.3517,
0.2539


 28.6615, 0.3517,
0.2539

 24.1911, 0.3642,
0.2386


 34.2087, 0.3406,
0.2707


 20.7215, 0.3779,
0.2257


 40.8939, 0.3309,
0.2880

 18.1730, 0.3923,
0.2165


 48.7788, 0.3226,
0.3052


 16.4520, 0.4071,
0.2119

 57.9191, 0.3155,
0.3219

 15.4448, 0.4217,
0.2123


 68.3672, 0.3095,
0.3376

 15.0805, 0.4297,
0.2141

 80.1725, 0.3046,
0.3524

 90.2129, 0.3004,
0.3611

 90.6009, 0.2966,
0.3535

 91.0046, 0.2929,
0.3460

Harmonies

Analogous

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



28.6615, 0.2743, 0.2224



28.6615, 0.3517, 0.2539



28.6615, 0.4251, 0.3011

Triad

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



28.6615, 0.3517, 0.2539



28.6615, 0.4060, 0.4585



28.6615, 0.1818, 0.2718

Complementary

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



28.6615, 0.3517, 0.2539



50.3484, 0.2881, 0.4195

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.



28.6615, 0.2082, 0.3457



28.6615, 0.3517, 0.2539



28.6615, 0.3359, 0.4700

Square

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



28.6615, 0.3517, 0.2539



28.6615, 0.4546, 0.4128



28.6615, 0.2634, 0.4264



28.6615, 0.1850, 0.2272

Rectangle

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



28.6615, 0.3517, 0.2539



28.6615, 0.4563, 0.3376



28.6615, 0.2634, 0.4264



28.6615, 0.1873, 0.2936

Sweetspot

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



28.6628, 0.3517, 0.2539



79.9445, 0.3216, 0.3074



22.8473, 0.2562, 0.2005



16.4582, 0.3233, 0.3036



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.



28.6628, 0.3517, 0.2539



39.2840, 0.3631, 0.2397



27.1483, 0.4098, 0.3097



11.9385, 0.3188, 0.3137



9.5190, 0.4278, 0.2130



0.5467, 0.4034, 0.1996

Inverse Universe

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



28.6628, 0.3517, 0.2539



39.2840, 0.3631, 0.2397



52.0646, 0.2615, 0.3504



11.9385, 0.3188, 0.3137



9.5190, 0.4278, 0.2130



0.5467, 0.4034, 0.1996

Previews

White Background



This preview shows how the Yxy color 28.6615, 0.3517, 0.2539 looks on a white background.

Color Contrast Check

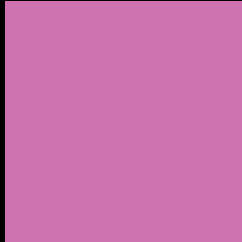
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6615, 0.3517, 0.2539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

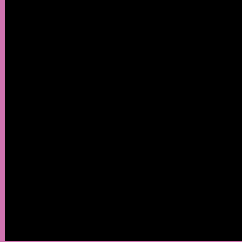
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.6615, 0.3517, 0.2539

Background



This preview shows how black text looks on a background with the Yxy color 28.6615, 0.3517, 0.2539.



This preview shows how white text looks on a background with the Yxy color 28.6615, 0.3517, 0.2539.

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

28.6615, 0.3517, 0.2539

Protanopia

28.8030, 0.2556, 0.2504

Deuteranopia

28.8811, 0.2915, 0.2865



Tritanopia

28.6653, 0.3964, 0.3174

Trichromacy



Original Color

28.6615, 0.3517, 0.2539



Protanomaly

27.8201, 0.2858, 0.2495



Deuteranomaly

28.2272, 0.3111, 0.2719



Tritanomaly

28.6820, 0.3798, 0.2931

Monochromacy



Original Color

28.6615, 0.3517, 0.2539



Achromatopsia

30.0544, 0.3127, 0.3290



Achromatomaly

28.9406, 0.3262, 0.2970

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6615, 0.3517, 0.2539 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, 115, 176)` looks like.

```
.text, #text, p{  
    color:rgb(207, 115, 176)  
}
```

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, 115, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 115, 176) }
```

Border

The CSS property to change the border of an element to Yxy 28.6615, 0.3517, 0.2539 is called "border". The border property can be set on classes, ids or directly on the HTML element.

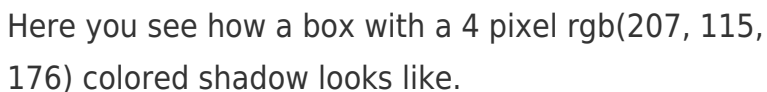
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 115, 176) }
```

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

```
.border{ border-color:rgb(207, 115, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 115, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 115, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 115, 176); box-shadow:4px 4px 4px 4px rgb(207, 115, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6615, 0.3517, 0.2539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 115, 176) }
```

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

```
.background{ background-color: rgb(207,  
115, 176) }
```

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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