

Converting Colors

$Y_{xy}(28.0214, 0.3595, 0.2599)$

Have a look what the booklet for
Yxy(28.0214, 0.3595, 0.2599)
contains.

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Color

Yxy(28.1646, 0.3603, 0.2608)

Conversions

Conversions Part 1

Format	Color
Hex	CF72A9
RGB	207, 114, 169
RGB Percent	81%, 45%, 66%
CMY	0.1882, 0.5529, 0.3373
CMYK	0.00, 0.45, 0.18, 0.19
HSL	325°, 49%, 63%
HSV	325°, 45%, 81%
XYZ	38.9099, 28.1646, 40.9186
YIQ	148.0770, 37.7730, 36.8210

Conversions

Conversions Part 2

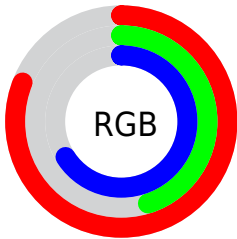
Format	Color
R_{YB}	207, 114, 169
Decimal	13595305
CIE _{Lab}	60.04, 43.51, -13.23
CIE _{LCh}	60, 45.480, 343.089
Yxy	28.1646, 0.3603, 0.2608
Android (android.graphics.Color)	4291785385 (0xFFCF72A9)
YUV	148.0770, 10.3150, 51.6755
Hunter-Lab	53.0703, 37.9989, -8.5649

Details

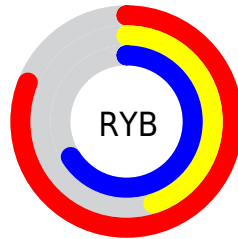
The Yxy color **28.1646, 0.3603, 0.2608** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **50.4701, 0.2839, 0.4103**, and the grayscale version is **29.5935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6471, 0.3421, 0.2722**, and **11.3089, 0.3758, 0.2402** is the 20% darker color. If you saturate the color by 10%, you get **23.7049, 0.3759, 0.2471**, and if you desaturate by 10%, it is **33.7041, 0.3466, 0.2759**.

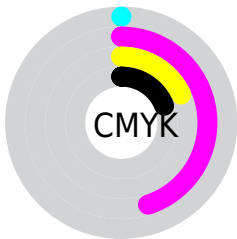
Distribution



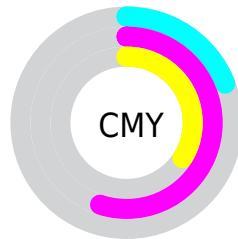
- Red (81%)
- Green (45%)
- Blue (66%)



- Red (81%)
- Yellow (45%)
- Blue (66%)



- Cyan (0%)
- Magenta (45%)
- Yellow (18%)
- Black (19%)





- Cyan (19%)
- Magenta (55%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1646, 0.3603, 0.2608 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 28.1646, 0.3603, 0.2608 by changing the saturation by 10% instead.


 28.1646, 0.3603,
0.2608


 28.1646, 0.3603,
0.2608


293.2526, 0.3355,
0.2957


 18.4498, 0.3668,
0.2519


 56.7471, 0.3511,
0.2737

 11.2734, 0.3753,
0.2402


 76.3836, 0.3477,
0.2784

 6.2510, 0.3870,
0.2246


 100.0961, 0.3448,
0.2825

 2.9983, 0.4039,
0.2026

128.2690, 0.3424,
0.2859

 1.1309, 0.4303,
0.1694

161.2867, 0.3403,
0.2889

 0.0041, 0.5379,
0.0020

199.5336, 0.3385,


 0.0000, 1.0000,


0.2914


0.0000


243.3941, 0.3369,
0.2937

 0.0000, 0.0000,
0.0000


 28.1646, 0.3603,
0.2608


 28.1646, 0.3603,
0.2608


 23.7049, 0.3759,
0.2471

 33.7041, 0.3466,
0.2759


 20.2484, 0.3931,
0.2358


 40.3853, 0.3348,
0.2916


 17.7148, 0.4116,
0.2282

 48.2698, 0.3248,
0.3070

 16.0097, 0.4307,
0.2252

 57.4140, 0.3163,
0.3219


 15.0178, 0.4494,
0.2276


 67.8705, 0.3093,
0.3360

 14.6802, 0.4589,
0.2302

 79.6890, 0.3035,
0.3492

 90.3984, 0.2986,
0.3574

 90.8804, 0.2940,
0.3482

 91.3858, 0.2895,
0.3392

Harmonies

Analogous

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



28.1646, 0.2840, 0.2277



28.1646, 0.3603, 0.2608



28.1646, 0.4288, 0.3084

Triad

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



28.1646, 0.3603, 0.2608



28.1646, 0.3962, 0.4588



28.1646, 0.1839, 0.2666

Complementary

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



28.1646, 0.3603, 0.2608



50.4701, 0.2839, 0.4103

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.



28.1646, 0.2062, 0.3355



28.1646, 0.3603, 0.2608



28.1646, 0.3267, 0.4633

Square

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



28.1646, 0.3603, 0.2608



28.1646, 0.4469, 0.4175



28.1646, 0.2571, 0.4147



28.1646, 0.1904, 0.2266

Rectangle

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



28.1646, 0.3603, 0.2608



28.1646, 0.4556, 0.3446



28.1646, 0.2571, 0.4147



28.1646, 0.1881, 0.2867

Sweetspot

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



28.1659, 0.3603, 0.2608



79.8008, 0.3232, 0.3097



23.1402, 0.2613, 0.2010



16.4226, 0.3252, 0.3063



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.



28.1659, 0.3603, 0.2608



38.1633, 0.3754, 0.2474



26.7393, 0.4197, 0.3175



11.9239, 0.3199, 0.3153



9.2686, 0.4564, 0.2288



0.5338, 0.4250, 0.2115

Inverse Universe

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



28.1659, 0.3603, 0.2608



38.1633, 0.3754, 0.2474



52.2661, 0.2577, 0.3418



11.9239, 0.3199, 0.3153



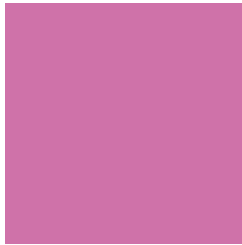
9.2686, 0.4564, 0.2288



0.5338, 0.4250, 0.2115

Previews

White Background



This preview shows how the Yxy color 28.1646, 0.3603, 0.2608 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 28.1646, 0.3603, 0.2608 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 28.1646, 0.3603, 0.2608

Background



This preview shows how black text looks on a background with the Yxy color 28.1646, 0.3603, 0.2608.



This preview shows how white text looks on a background with the Yxy color 28.1646, 0.3603, 0.2608.

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

28.1646, 0.3603, 0.2608

Protanopia

28.3056, 0.2629, 0.2595

Deuteranopia

28.2141, 0.2998, 0.2937



Tritanopia

28.2543, 0.4010, 0.3175

Trichromacy



Original Color

28.1646, 0.3603, 0.2608



Protanomaly

27.3535, 0.2931, 0.2570



Deuteranomaly

27.6437, 0.3206, 0.2787



Tritanomaly

28.0754, 0.3855, 0.2956

Monochromacy



Original Color

28.1646, 0.3603, 0.2608



Achromatopsia

29.6138, 0.3127, 0.3290



Achromatomaly

28.4436, 0.3284, 0.2997

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1646, 0.3603, 0.2608 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, 114, 169)` looks like.

```
.text, #text, p{  
    color:rgb(207, 114, 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, 114, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 114, 169) }
```

Border

The CSS property to change the border of an element to Yxy 28.1646, 0.3603, 0.2608 is called "border". The border property can be set on classes, ids or directly on the HTML element.

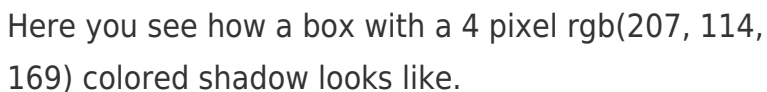
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 114, 169) }
```

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

```
.border{ border-color:rgb(207, 114, 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, 114, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 114, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 114, 169); box-shadow:4px 4px 4px 4px rgb(207, 114, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1646, 0.3603, 0.2608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 114, 169) }
```

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

```
.background{ background-color: rgb(207,  
114, 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](#).

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