

Converting Colors

$Y_{xy}(28.5622, 0.3662, 0.2702)$

Have a look what the booklet for
Yxy(28.5622, 0.3662, 0.2702)
contains.

Yxy(28.6683, 0.3657, 0.2703)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.6683, 0.3657, 0.2703)

Conversions

Conversions Part 1

Format	Color
Hex	CF75A4
RGB	207, 117, 164
RGB Percent	81%, 46%, 64%
CMY	0.1884, 0.5411, 0.3569
CMYK	0.00, 0.43, 0.21, 0.19
HSL	329°, 48%, 64%
HSV	329°, 43%, 81%
XYZ	38.7865, 28.6683, 38.6062
YIQ	149.2680, 38.5530, 33.6970

Conversions

Conversions Part 2

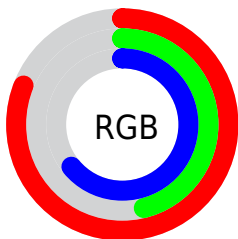
Format	Color
R_{YB}	207, 117, 164
Decimal	13596068
CIE _{Lab}	60.49, 41.18, -9.68
CIE _{LCh}	60, 42.300, 346.770
Yxy	28.6683, 0.3657, 0.2703
Android (android.graphics.Color)	4291786148 (0xFFCF75A4)
YUV	149.2680, 7.2629, 50.6310
Hunter-Lab	53.5428, 35.6060, -5.2702

Details

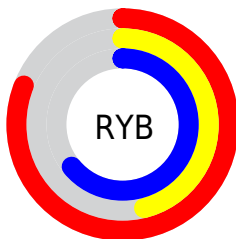
The Yxy color **28.6683, 0.3657, 0.2703** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **50.9317, 0.2809, 0.3975**, and the grayscale version is **30.1320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.5003, 0.3461, 0.2800**, and **11.5298, 0.3843, 0.2521** is the 20% darker color. If you saturate the color by 10%, you get **24.0234, 0.3840, 0.2579**, and if you desaturate by 10%, it is **34.4099, 0.3498, 0.2839**.

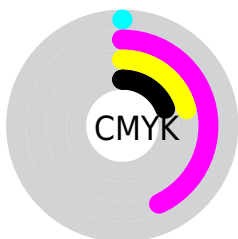
Distribution



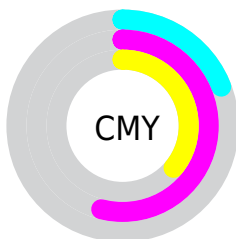
- Red (81%)
- Green (46%)
- Blue (64%)



- Red (81%)
- Yellow (46%)
- Blue (64%)



- Cyan (0%)
- Magenta (43%)
- Yellow (21%)
- Black (19%)





- Cyan (19%)
- Magenta (54%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.6683, 0.3657, 0.2703 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 28.6683, 0.3657, 0.2703 by changing the saturation by 10% instead.


 28.6683, 0.3657,
0.2703


 28.6683, 0.3657,
0.2703


295.6467, 0.3378,
0.3006


 18.8300, 0.3731,
0.2624


 57.5497, 0.3552,
0.2815

 11.5475, 0.3830,
0.2522


 77.3616, 0.3514,
0.2857

 6.4364, 0.3966,
0.2382


 101.2668, 0.3482,
0.2892

 3.1122, 0.4167,
0.2182

129.6497, 0.3455,
0.2922

 1.1906, 0.4490,
0.1875

162.8948, 0.3431,
0.2947

 0.0540, 0.5766,
0.0290

201.3864, 0.3411,

 0.0000, 1.0000,


0.2969

0.0000


245.5089, 0.3394,
0.2989

 0.0000, 0.0000,
0.0000

 28.6683, 0.3657,
0.2703


 28.6683, 0.3657,
0.2703


 24.0234, 0.3840,
0.2579


 34.4099, 0.3498,
0.2839


 20.3993, 0.4046,
0.2476


 41.3093, 0.3363,
0.2978


 17.7173, 0.4270,
0.2408


 49.4279, 0.3250,
0.3115


 15.8847, 0.4503,
0.2387

 58.8214, 0.3156,
0.3246

 14.7899, 0.4734,
0.2419


 69.5422, 0.3078,
0.3370

 14.3448, 0.4881,
0.2462

 81.6399, 0.3013,
0.3484

 90.6763, 0.2958,
0.3520

 91.2582, 0.2906,
0.3414

 91.8724, 0.2854,
0.3310

Harmonies

Analogous

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



28.6683, 0.2946, 0.2371



28.6683, 0.3657, 0.2703



28.6683, 0.4259, 0.3165

Triad

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



28.6683, 0.3657, 0.2703



28.6683, 0.3839, 0.4523



28.6683, 0.1915, 0.2655

Complementary

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



28.6683, 0.3657, 0.2703



50.9317, 0.2809, 0.3975

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.



28.6683, 0.2095, 0.3266



28.6683, 0.3657, 0.2703



28.6683, 0.3182, 0.4494

Square

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



28.6683, 0.3657, 0.2703



28.6683, 0.4336, 0.4183



28.6683, 0.2545, 0.3995



28.6683, 0.2008, 0.2310

Rectangle

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



28.6683, 0.3657, 0.2703



28.6683, 0.4474, 0.3510



28.6683, 0.2545, 0.3995



28.6683, 0.1944, 0.2832

Sweetspot

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



28.6697, 0.3657, 0.2703



79.6643, 0.3247, 0.3119



24.6033, 0.2691, 0.2074



16.3889, 0.3271, 0.3089



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.



28.6697, 0.3657, 0.2703



39.0672, 0.3824, 0.2588



27.3464, 0.4223, 0.3255



11.9099, 0.3210, 0.3169



9.0604, 0.4852, 0.2446



0.5226, 0.4469, 0.2236

Inverse Universe

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



28.6697, 0.3657, 0.2703



39.0672, 0.3824, 0.2588



52.7516, 0.2559, 0.3329



11.9099, 0.3210, 0.3169



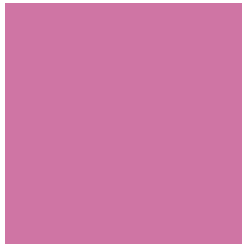
9.0604, 0.4852, 0.2446



0.5226, 0.4469, 0.2236

Previews

White Background



This preview shows how the Yxy color 28.6683, 0.3657, 0.2703 looks on a white background.

Color Contrast Check

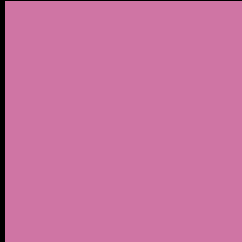
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6683, 0.3657, 0.2703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

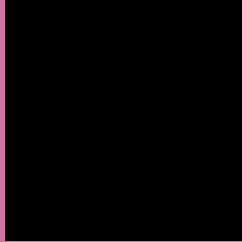
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.6683, 0.3657, 0.2703

Background



This preview shows how black text looks on a background with the Yxy color 28.6683, 0.3657, 0.2703.



This preview shows how white text looks on a background with the Yxy color 28.6683, 0.3657, 0.2703.

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

28.6683, 0.3657, 0.2703

Protanopia

28.9881, 0.2713, 0.2713

Deuteranopia

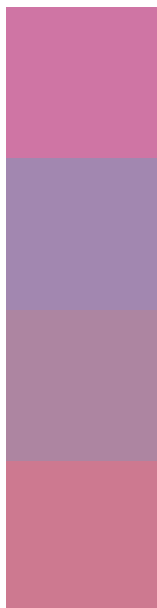
28.7541, 0.3077, 0.3015



Tritanopia

28.6692, 0.4004, 0.3176

Trichromacy



Original Color

28.6683, 0.3657, 0.2703

Protanomaly

28.1439, 0.3008, 0.2696

Deuteranomaly

28.2325, 0.3279, 0.2888

Tritanomaly

28.6675, 0.3872, 0.2996

Monochromacy



Original Color

28.6683, 0.3657, 0.2703

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

28.7705, 0.3315, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6683, 0.3657, 0.2703 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, 117, 164)` looks like.

```
.text, #text, p{  
    color:rgb(207, 117, 164)  
}
```

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, 117, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 117, 164) }
```

Border

The CSS property to change the border of an element to Yxy 28.6683, 0.3657, 0.2703 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, 117, 164) }
```

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

```
.border{ border-color:rgb(207, 117, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 117, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 117, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 117, 164);  
box-shadow:4px 4px 4px 4px rgb(207, 117,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6683, 0.3657, 0.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 117, 164) }
```

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

```
.background{ background-color: rgb(207,  
117, 164) }
```

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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