

Converting Colors

$Y_{xy}(27.0392, 0.3630, 0.2766)$

Have a look what the booklet for
Yxy(27.0392, 0.3630, 0.2766)
contains.

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Color

Yxy(27.0272, 0.3629, 0.2765)

Conversions

Conversions Part 1

Format	Color
Hex	C5759D
RGB	197, 117, 157
RGB Percent	77%, 46%, 62%
CMY	0.2275, 0.5412, 0.3843
CMYK	0.00, 0.41, 0.20, 0.23
HSL	330°, 41%, 62%
HSV	330°, 41%, 77%
XYZ	35.4726, 27.0272, 35.2478
YIQ	145.4800, 34.8400, 29.4000

Conversions

Conversions Part 2

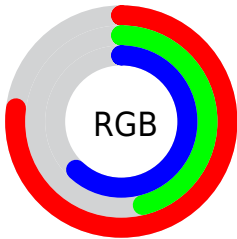
Format	Color
RYB	197, 117, 157
Decimal	12940701
CIELab	59.00, 36.71, -8.02
CIElCh	59, 37.580, 347.682
Yxy	27.0272, 0.3629, 0.2765
Android (android.graphics.Color)	4291130781 (0xFFC5759D)
YUV	145.4800, 5.6794, 45.1830
Hunter-Lab	51.9877, 30.8169, -3.8074

Details

The Yxy color **27.0272, 0.3629, 0.2765** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **46.1474, 0.2816, 0.3892**, and the grayscale version is **28.4876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7629, 0.3524, 0.2859**, and **10.5998, 0.3789, 0.2586** is the 20% darker color. If you saturate the color by 10%, you get **22.5876, 0.3813, 0.2642**, and if you desaturate by 10%, it is **32.4624, 0.3471, 0.2897**.

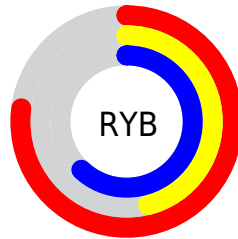
Distribution



Red (77%)

Green (46%)

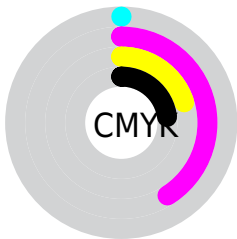
Blue (62%)



Red (77%)

Yellow (46%)

Blue (62%)

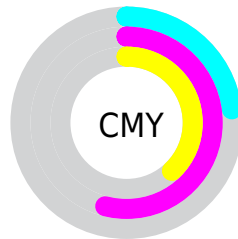


Cyan (0%)

Magenta (41%)

Yellow (20%)

Black (23%)



Cyan (23%)


Magenta (54%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0272, 0.3629, 0.2765 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 27.0272, 0.3629, 0.2765 by changing the saturation by 10% instead.


 27.0272, 0.3629,
0.2765


 27.0272, 0.3629,
0.2765


287.7888, 0.3361,
0.3041

 17.5937, 0.3702,
0.2692


 54.9275, 0.3527,
0.2868

 10.6586, 0.3800,
0.2595


 74.1631, 0.3490,
0.2906

 5.8378, 0.3937,
0.2462


 97.4347, 0.3460,
0.2938

 2.7467, 0.4143,
0.2268

125.1269, 0.3434,
0.2965

 1.0010, 0.4485,
0.1958

157.6240, 0.3412,
0.2988

 0.0000, 0.6426,
0.0000

195.3105, 0.3393,

 0.0000, 0.0000,

0.3008

0.0000

238.5706, 0.3376,
0.3025

■ 27.0272, 0.3629,
0.2765

■ 27.0272, 0.3629,
0.2765

■ 22.5876, 0.3813,
0.2642

■ 32.4624, 0.3471,
0.2897

■ 19.0780, 0.4023,
0.2537

■ 38.9457, 0.3337,
0.3030

■ 16.4310, 0.4255,
0.2462


■ 46.5306, 0.3225,
0.3160

■ 14.5682, 0.4499,
0.2430

■ 55.2657, 0.3132,
0.3283


■ 13.3968, 0.4745,
0.2450


■ 65.1966, 0.3055,
0.3398

 12.7613, 0.4968,
0.2511

 76.3666, 0.2992,
0.3505

 88.8167, 0.2940,
0.3603

 89.4341, 0.2888,
0.3495

 90.0218, 0.2837,
0.3388

Harmonies

Analogous

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



27.0272, 0.2985, 0.2452



27.0272, 0.3629, 0.2765



27.0272, 0.4164, 0.3197

Triad

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



27.0272, 0.3629, 0.2765



27.0272, 0.3767, 0.4415



27.0272, 0.2013, 0.2705

Complementary

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



27.0272, 0.3629, 0.2765



46.1474, 0.2816, 0.3892

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.



27.0272, 0.2176, 0.3256



27.0272, 0.3629, 0.2765



27.0272, 0.3166, 0.4362

Square

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



27.0272, 0.3629, 0.2765



27.0272, 0.4222, 0.4128



27.0272, 0.2585, 0.3905



27.0272, 0.2106, 0.2389

Rectangle

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



27.0272, 0.3629, 0.2765



27.0272, 0.4353, 0.3517



27.0272, 0.2585, 0.3905



27.0272, 0.2039, 0.2865

Sweetspot

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



27.0285, 0.3629, 0.2765



81.0601, 0.3241, 0.3140



23.7901, 0.2742, 0.2169



16.9487, 0.3255, 0.3123



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.



27.0285, 0.3629, 0.2765



41.0680, 0.3797, 0.2652



25.9101, 0.4131, 0.3275



10.7239, 0.3213, 0.3175



8.4109, 0.4939, 0.2495



0.4129, 0.4484, 0.2244

Inverse Universe

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



27.0285, 0.3629, 0.2765



41.0680, 0.3797, 0.2652



47.6834, 0.2582, 0.3307



10.7239, 0.3213, 0.3175



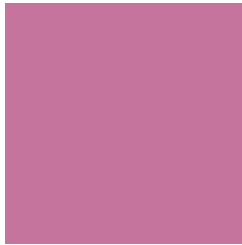
8.4109, 0.4939, 0.2495



0.4129, 0.4484, 0.2244

Previews

White Background



This preview shows how the Yxy color 27.0272, 0.3629, 0.2765 looks on a white background.

Color Contrast Check

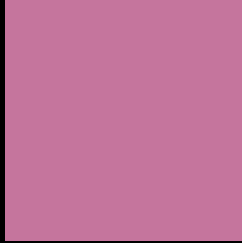
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0272, 0.3629, 0.2765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

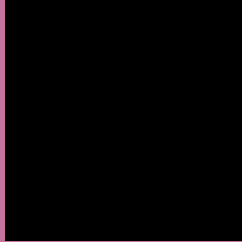
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0272, 0.3629, 0.2765

Background



This preview shows how black text looks on a background with the Yxy color 27.0272, 0.3629, 0.2765.



This preview shows how white text looks on a background with the Yxy color 27.0272, 0.3629, 0.2765.

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

27.0272, 0.3629, 0.2765

Protanopia

27.2178, 0.2771, 0.2788

Deuteranopia

27.0562, 0.3117, 0.3055



Tritanopia

27.0271, 0.3906, 0.3170

Trichromacy



Original Color

27.0272, 0.3629, 0.2765

Protanomaly

26.5616, 0.3054, 0.2766

Deuteranomaly

26.6232, 0.3303, 0.2935

Tritanomaly

26.9285, 0.3811, 0.3022

Monochromacy



Original Color

27.0272, 0.3629, 0.2765

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.3904, 0.3305, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0272, 0.3629, 0.2765 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(197, 117, 157)` looks like.

```
.text, #text, p{  
    color:rgb(197, 117, 157)  
}
```

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(197, 117, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 117, 157) }
```

Border

The CSS property to change the border of an element to Yxy 27.0272, 0.3629, 0.2765 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(197, 117, 157) }
```

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

```
.border{ border-color:rgb(197, 117, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 117, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 117, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 117, 157);  
box-shadow:4px 4px 4px 4px rgb(197, 117,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0272, 0.3629, 0.2765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 117, 157) }
```

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

```
.background{ background-color: rgb(197,  
117, 157) }
```

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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