

Converting Colors

$Y_{xy}(28.4162, 0.3702, 0.2790)$

Have a look what the booklet for
Yxy(28.4162, 0.3702, 0.2790)
contains.

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Color

Yxy(28.2629, 0.3695, 0.2781)

Conversions

Conversions Part 1

Format	Color
Hex	CC769E
RGB	204, 118, 158
RGB Percent	80%, 46%, 62%
CMY	0.2000, 0.5372, 0.3805
CMYK	0.00, 0.42, 0.23, 0.20
HSL	332°, 46%, 63%
HSV	332°, 42%, 80%
XYZ	37.5517, 28.2629, 35.8139
YIQ	148.2740, 38.4160, 30.6720

Conversions

Conversions Part 2

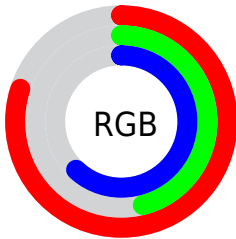
Format	Color
RYB	204, 118, 158
Decimal	13399710
CIELab	60.13, 38.76, -6.81
CIELCh	60, 39.354, 350.040
Yxy	28.2629, 0.3695, 0.2781
Android (android.graphics.Color)	4291589790 (0xFFCC769E)
YUV	148.2740, 4.7949, 48.8717
Hunter-Lab	53.1629, 33.0490, -2.7275

Details

The Yxy color **28.2629, 0.3695, 0.2781** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **49.7227, 0.2787, 0.3874**, and the grayscale version is **29.7028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.5691, 0.3511, 0.2869**, and **11.3717, 0.3882, 0.2617** is the 20% darker color. If you saturate the color by 10%, you get **23.6083, 0.3900, 0.2668**, and if you desaturate by 10%, it is **33.9926, 0.3519, 0.2904**.

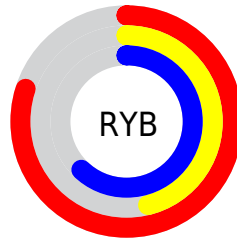
Distribution



Red (80%)

Green (46%)

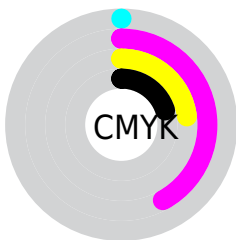
Blue (62%)



Red (80%)

Yellow (46%)

Blue (62%)

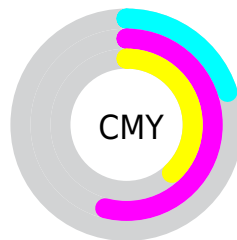


Cyan (0%)

Magenta (42%)

Yellow (23%)

Black (20%)



Cyan (20%)


Magenta (54%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2629, 0.3695, 0.2781 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 28.2629, 0.3695, 0.2781 by changing the saturation by 10% instead.


 28.2629, 0.3695,
0.2781


 28.2629, 0.3695,
0.2781


293.7210, 0.3393,
0.3047


 18.5239, 0.3777,
0.2711


 56.9039, 0.3580,
0.2881

 11.3268, 0.3886,
0.2618


 76.5747, 0.3539,
0.2917

 6.2871, 0.4040,
0.2491


 100.3250, 0.3504,
0.2948

 3.0204, 0.4268,
0.2305

128.5390, 0.3475,
0.2974

 1.1424, 0.4646,
0.2012

161.6012, 0.3450,
0.2996

 0.0139, 0.6565,
0.0095

199.8960, 0.3428,

 0.0000, 0.0000,

0.3015

0.0000

243.8078, 0.3409,
0.3032

■ 28.2629, 0.3695,
0.2781

■ 28.2629, 0.3695,
0.2781

■ 23.6083, 0.3900,
0.2668

■ 33.9926, 0.3519,
0.2904

■ 19.9562, 0.4133,
0.2575

■ 40.8558, 0.3372,
0.3028

■ 17.2315, 0.4389,
0.2515


■ 48.9115, 0.3249,
0.3150


■ 15.3465, 0.4657,
0.2499

■ 58.2132, 0.3147,
0.3266

■ 14.1961, 0.4923,
0.2536

■ 68.8115, 0.3063,
0.3374

 13.6614, 0.5124,
0.2596

 80.7539, 0.2994,
0.3475

 90.3224, 0.2935,
0.3508

 90.9709, 0.2877,
0.3391

 91.5784, 0.2827,
0.3289

Harmonies

Analogous

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



28.2629, 0.3030, 0.2448



28.2629, 0.3695, 0.2781



28.2629, 0.4229, 0.3230

Triad

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



28.2629, 0.3695, 0.2781



28.2629, 0.3739, 0.4461



28.2629, 0.1981, 0.2651

Complementary

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



28.2629, 0.3695, 0.2781



49.7227, 0.2787, 0.3874

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.



28.2629, 0.2125, 0.3201



28.2629, 0.3695, 0.2781



28.2629, 0.3115, 0.4377

Square

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



28.2629, 0.3695, 0.2781



28.2629, 0.4226, 0.4181



28.2629, 0.2527, 0.3876



28.2629, 0.2096, 0.2348

Rectangle

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



28.2629, 0.3695, 0.2781



28.2629, 0.4403, 0.3559



28.2629, 0.2527, 0.3876



28.2629, 0.2000, 0.2809

Sweetspot

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



28.2643, 0.3695, 0.2781



79.5524, 0.3260, 0.3138



25.1969, 0.2765, 0.2133



16.3613, 0.3286, 0.3111



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.



28.2643, 0.3695, 0.2781



39.4342, 0.3889, 0.2673



27.7900, 0.4194, 0.3330



11.2990, 0.3218, 0.3183



8.6164, 0.5090, 0.2578



0.4598, 0.4628, 0.2323

Inverse Universe

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



28.2643, 0.3695, 0.2781



39.4342, 0.3889, 0.2673



50.0508, 0.2550, 0.3249



11.2990, 0.3218, 0.3183



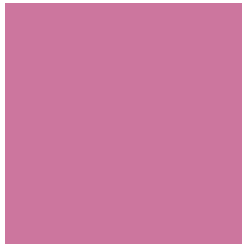
8.6164, 0.5090, 0.2578



0.4598, 0.4628, 0.2323

Previews

White Background



This preview shows how the Yxy color 28.2629, 0.3695, 0.2781 looks on a white background.

Color Contrast Check

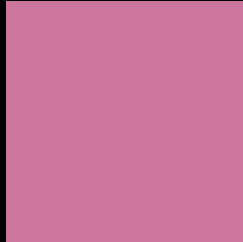
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2629, 0.3695, 0.2781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

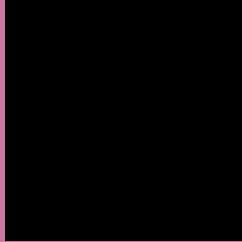
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2629, 0.3695, 0.2781

Background



This preview shows how black text looks on a background with the Yxy color 28.2629, 0.3695, 0.2781.



This preview shows how white text looks on a background with the Yxy color 28.2629, 0.3695, 0.2781.

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

28.2629, 0.3695, 0.2781

Protanopia

28.5306, 0.2795, 0.2812

Deuteranopia

28.4508, 0.3158, 0.3091



Tritanopia

28.2494, 0.3970, 0.3174

Trichromacy



Original Color

28.2629, 0.3695, 0.2781

Protanomaly

27.9790, 0.3086, 0.2792

Deuteranomaly

28.0259, 0.3344, 0.2971

Tritanomaly

28.1544, 0.3876, 0.3031

Monochromacy



Original Color

28.2629, 0.3695, 0.2781

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.4831, 0.3314, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2629, 0.3695, 0.2781 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(204, 118, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 118, 158) }
```

Border

The CSS property to change the border of an element to Yxy 28.2629, 0.3695, 0.2781 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, 158) }
```

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

```
.border{ border-color:rgb(204, 118, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 118, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 118, 158);  
box-shadow:4px 4px 4px 4px rgb(204, 118,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2629, 0.3695, 0.2781 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, 158) }
```

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

```
.background{ background-color: rgb(204,  
118, 158) }
```

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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