

Converting Colors

$Y_{xy}(29.2798, 0.3695, 0.2721)$

Have a look what the booklet for
Yxy(29.2798, 0.3695, 0.2721)
contains.

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Color

Yxy(29.3388, 0.3689, 0.2722)

Conversions

Conversions Part 1

Format	Color
Hex	D276A4
RGB	210, 118, 164
RGB Percent	82%, 46%, 64%
CMY	0.1764, 0.5373, 0.3569
CMYK	0.00, 0.44, 0.22, 0.18
HSL	330°, 51%, 64%
HSV	330°, 44%, 82%
XYZ	39.7615, 29.3388, 38.6837
YIQ	150.7520, 40.0660, 33.8100

Conversions

Conversions Part 2

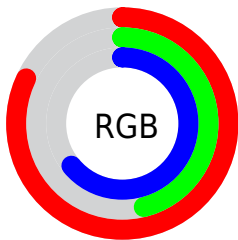
Format	Color
R _Y B	210, 118, 164
Decimal	13792932
CIE Lab	61.08, 41.71, -8.76
CIE LCh	61, 42.618, 348.145
Yxy	29.3388, 0.3689, 0.2722
Android (android.graphics.Color)	4291983012 (0xFFD276A4)
YUV	150.7520, 6.5313, 51.9605
Hunter-Lab	54.1653, 36.2435, -4.4279

Details

The Yxy color **29.3388, 0.3689, 0.2722** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **52.6370, 0.2795, 0.3952**, and the grayscale version is **30.7948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.8795, 0.3459, 0.2810**, and **11.8386, 0.3872, 0.2545** is the 20% darker color. If you saturate the color by 10%, you get **24.5686, 0.3883, 0.2603**, and if you desaturate by 10%, it is **35.2443, 0.3521, 0.2852**.

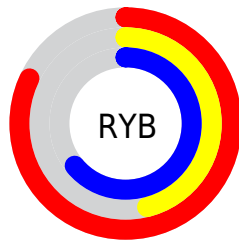
Distribution



Red (82%)

Green (46%)

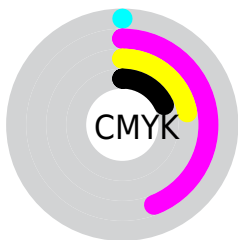
Blue (64%)



Red (82%)

Yellow (46%)

Blue (64%)

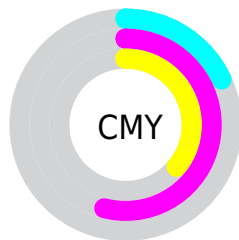


Cyan (0%)

Magenta (44%)

Yellow (22%)

Black (18%)



Cyan (18%)


Magenta (54%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3388, 0.3689, 0.2722 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 29.3388, 0.3689, 0.2722 by changing the saturation by 10% instead.


 29.3388, 0.3689,
0.2722


 29.3388, 0.3689,
0.2722


298.8102, 0.3393,
0.3015

 19.3373, 0.3768,
0.2646


 58.6149, 0.3578,
0.2831

 11.9142, 0.3872,
0.2547

 78.6583, 0.3537,
0.2871

 6.6853, 0.4017,
0.2412


 102.8178, 0.3503,
0.2905

 3.2661, 0.4229,
0.2219

131.4778, 0.3475,
0.2933

 1.2722, 0.4571,
0.1923

165.0226, 0.3450,
0.2958

 0.1195, 0.5751,
0.0589

203.8367, 0.3428,

 0.0000, 1.0000,

0.2980

0.0000

248.3044, 0.3410,
0.2998

0.0000, 0.0000,
0.0000

29.3388, 0.3689,
0.2722

29.3388, 0.3689,
0.2722

24.5686, 0.3883,
0.2603

35.2443, 0.3521,
0.2852

20.8548, 0.4102,
0.2507

42.3486, 0.3379,
0.2986

18.1150, 0.4340,
0.2446

50.7158, 0.3259,
0.3118


16.2525, 0.4588,
0.2431

60.4039, 0.3160,
0.3244

15.1503, 0.4832,
0.2471


71.4675, 0.3078,
0.3362

 14.7243, 0.4978,
0.2516

 83.9578, 0.3011,
0.3472

 91.3703, 0.2953,
0.3472

 92.0044, 0.2897,
0.3361

 92.4450, 0.2860,
0.3289

Harmonies

Analogous

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



29.3388, 0.2977, 0.2382



29.3388, 0.3689, 0.2722



29.3388, 0.4279, 0.3189

Triad

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



29.3388, 0.3689, 0.2722



29.3388, 0.3811, 0.4531



29.3388, 0.1914, 0.2634

Complementary

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



29.3388, 0.3689, 0.2722



52.6370, 0.2795, 0.3952

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.



29.3388, 0.2081, 0.3234



29.3388, 0.3689, 0.2722



29.3388, 0.3151, 0.4480

Square

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



29.3388, 0.3689, 0.2722



29.3388, 0.4319, 0.4203



29.3388, 0.2519, 0.3963



29.3388, 0.2018, 0.2301

Rectangle

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



29.3388, 0.3689, 0.2722



29.3388, 0.4482, 0.3534



29.3388, 0.2519, 0.3963



29.3388, 0.1939, 0.2806

Sweetspot

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



29.3402, 0.3689, 0.2722



79.6206, 0.3252, 0.3127



25.5029, 0.2716, 0.2072



16.3781, 0.3277, 0.3098



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.



29.3402, 0.3689, 0.2722



38.2618, 0.3879, 0.2606



27.9681, 0.4278, 0.3293



11.9054, 0.3213, 0.3174



8.9997, 0.4946, 0.2498



0.5192, 0.4542, 0.2276

Inverse Universe

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



29.3402, 0.3689, 0.2722



38.2618, 0.3879, 0.2606



54.6099, 0.2539, 0.3288



11.9054, 0.3213, 0.3174



8.9997, 0.4946, 0.2498



0.5192, 0.4542, 0.2276

Previews

White Background



This preview shows how the Yxy color 29.3388, 0.3689, 0.2722 looks on a white background.

Color Contrast Check

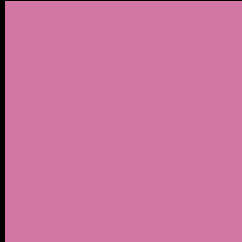
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3388, 0.3689, 0.2722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

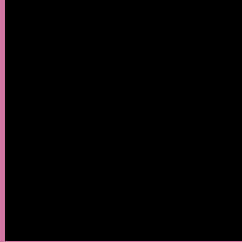
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3388, 0.3689, 0.2722

Background



This preview shows how black text looks on a background with the Yxy color 29.3388, 0.3689, 0.2722.



This preview shows how white text looks on a background with the Yxy color 29.3388, 0.3689, 0.2722.

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

29.3388, 0.3689, 0.2722

Protanopia

29.4656, 0.2732, 0.2732

Deuteranopia

29.6527, 0.3107, 0.3049



Tritanopia

29.3742, 0.4021, 0.3177

Trichromacy



Original Color

29.3388, 0.3689, 0.2722

Protanomaly

28.7422, 0.3039, 0.2716

Deuteranomaly

29.1313, 0.3309, 0.2921

Tritanomaly

29.3426, 0.3902, 0.3013

Monochromacy



Original Color

29.3388, 0.3689, 0.2722

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.6362, 0.3312, 0.3044

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3388, 0.3689, 0.2722 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(210, 118, 164)` looks like.

```
.text, #text, p{  
    color:rgb(210, 118, 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(210, 118, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 118, 164) }
```

Border

The CSS property to change the border of an element to Yxy 29.3388, 0.3689, 0.2722 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(210, 118, 164) }
```

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

```
.border{ border-color:rgb(210, 118, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 118, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 118, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 118, 164); box-shadow:4px 4px 4px 4px rgb(210, 118, 164) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3388, 0.3689, 0.2722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 118, 164) }
```

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

```
.background{ background-color: rgb(210,  
118, 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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