

Converting Colors

$Y_{xy}(30.2699, 0.3596, 0.2935)$

Have a look what the booklet for
Yxy(30.2699, 0.3596, 0.2935)
contains.

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Color

Yxy(30.2699, 0.3596, 0.2935)

Conversions

Conversions Part 1

Format	Color
Hex	C5829D
RGB	197, 130, 157
RGB Percent	77%, 51%, 62%
CMY	0.2276, 0.4901, 0.3844
CMYK	0.00, 0.34, 0.20, 0.23
HSL	336°, 37%, 64%
HSV	336°, 34%, 77%
XYZ	37.0871, 30.2699, 35.7773
YIQ	153.1110, 31.2650, 22.6010

Conversions

Conversions Part 2

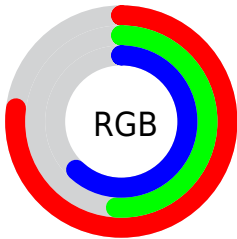
Format	Color
RYB	197, 130, 157
Decimal	12944029
CIELab	61.89, 29.65, -3.72
CIELCh	62, 29.884, 352.842
Yxy	30.2699, 0.3596, 0.2935
Android (android.graphics.Color)	4291134109 (0xFFC5829D)
YUV	153.1110, 1.9173, 38.4907
Hunter-Lab	55.0181, 24.0432, -0.0426

Details

The Yxy color **30.2699, 0.3596, 0.2935** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.5692, 0.2817, 0.3679**, and the grayscale version is **31.8879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.2944, 0.3500, 0.3003**, and **12.3834, 0.3754, 0.2809** is the 20% darker color. If you saturate the color by 10%, you get **25.1396, 0.3800, 0.2830**, and if you desaturate by 10%, it is **36.4448, 0.3425, 0.3043**.

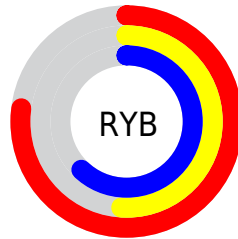
Distribution



Red (77%)

Green (51%)

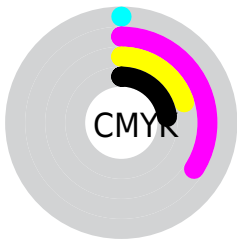
Blue (62%)



Red (77%)

Yellow (51%)

Blue (62%)

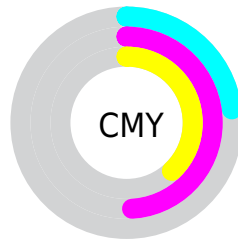


Cyan (0%)

Magenta (34%)

Yellow (20%)

Black (23%)



Cyan (23%)


Magenta (49%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2699, 0.3596, 0.2935 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 30.2699, 0.3596, 0.2935 by changing the saturation by 10% instead.

 30.2699, 0.3596,
0.2935

 30.2699, 0.3596,
0.2935


303.1605, 0.3347,
0.3122


 20.0435, 0.3663,
0.2885


 60.0887, 0.3502,
0.3005

 12.4267, 0.3754,
0.2820


 80.4500, 0.3467,
0.3031

 7.0350, 0.3880,
0.2729


 104.9584, 0.3439,
0.3052

 3.4840, 0.4069,
0.2595

133.9983, 0.3415,
0.3070

 1.3893, 0.4381,
0.2379

167.9540, 0.3394,
0.3086

 0.2088, 0.5704,
0.1288

207.2100, 0.3376,

 0.0000, 0.0000,

0.3099

0.0000

252.1507, 0.3361,
0.3111

■ 30.2699, 0.3596,
0.2935

■ 30.2699, 0.3596,
0.2935

■ 25.1396, 0.3800,
0.2830

■ 36.4448, 0.3425,
0.3043

■ 20.9911, 0.4038,
0.2735

■ 43.7138, 0.3284,
0.3150

■ 17.7614, 0.4309,
0.2661


■ 52.1286, 0.3168,
0.3251


■ 15.3785, 0.4606,
0.2621

■ 61.7362, 0.3072,
0.3346

■ 13.7593, 0.4912,
0.2627

■ 72.5810, 0.2993,
0.3434

 12.8035, 0.5209,
0.2684

 84.7050, 0.2929,
0.3514

 12.4354, 0.5378,
0.2736

 89.6383, 0.2869,
0.3456

 90.3579, 0.2809,
0.3330

 90.6063, 0.2789,
0.3289

Harmonies

Analogous

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



30.2699, 0.3107, 0.2662



30.2699, 0.3596, 0.2935



30.2699, 0.3968, 0.3296

Triad

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



30.2699, 0.3596, 0.2935



30.2699, 0.3560, 0.4163



30.2699, 0.2248, 0.2792

Complementary

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



30.2699, 0.3596, 0.2935



47.5692, 0.2817, 0.3679

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.



30.2699, 0.2348, 0.3194



30.2699, 0.3596, 0.2935



30.2699, 0.3088, 0.4051

Square

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



30.2699, 0.3596, 0.2935



30.2699, 0.3934, 0.4004



30.2699, 0.2647, 0.3675



30.2699, 0.2357, 0.2564

Rectangle

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



30.2699, 0.3596, 0.2935



30.2699, 0.4082, 0.3553



30.2699, 0.2647, 0.3675



30.2699, 0.2258, 0.2909

Sweetspot

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



30.2713, 0.3596, 0.2935



83.8532, 0.3237, 0.3190



28.4446, 0.2885, 0.2383



17.4996, 0.3254, 0.3175



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.



30.2713, 0.3596, 0.2935



47.0468, 0.3748, 0.2854



30.9750, 0.3891, 0.3367



10.7065, 0.3228, 0.3197



8.1977, 0.5345, 0.2718



0.4024, 0.4796, 0.2416

Inverse Universe

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



30.2713, 0.3596, 0.2935



47.0468, 0.3748, 0.2854



46.2099, 0.2640, 0.3211



10.7065, 0.3228, 0.3197



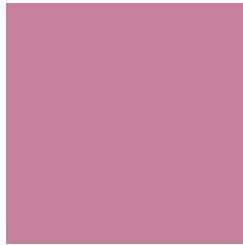
8.1977, 0.5345, 0.2718



0.4024, 0.4796, 0.2416

Previews

White Background



This preview shows how the Yxy color 30.2699, 0.3596, 0.2935 looks on a white background.

Color Contrast Check

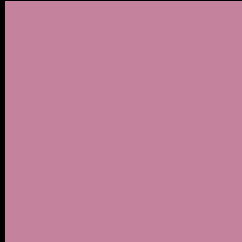
Large Text (above 18pt) WCAG AA × Fail

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 30.2699, 0.3596, 0.2935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

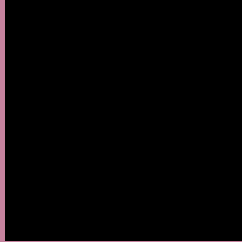
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2699, 0.3596, 0.2935

Background



This preview shows how black text looks on a background with the Yxy color 30.2699, 0.3596, 0.2935.



This preview shows how white text looks on a background with the Yxy color 30.2699, 0.3596, 0.2935.

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

30.2699, 0.3596, 0.2935

Protanopia

30.5625, 0.2925, 0.2986

Deuteranopia

30.2653, 0.3217, 0.3156



Tritanopia

30.3603, 0.3728, 0.3157

Trichromacy



Original Color

30.2699, 0.3596, 0.2935

Protanomaly

30.0619, 0.3143, 0.2954

Deuteranomaly

30.2367, 0.3354, 0.3075

Tritanomaly

30.3764, 0.3684, 0.3078

Monochromacy



Original Color

30.2699, 0.3596, 0.2935

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.0189, 0.3291, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2699, 0.3596, 0.2935 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, 130, 157)` looks like.

```
.text, #text, p{  
    color:rgb(197, 130, 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, 130, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 130, 157) }
```

Border

The CSS property to change the border of an element to Yxy 30.2699, 0.3596, 0.2935 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, 130, 157) }
```

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

```
.border{ border-color:rgb(197, 130, 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, 130, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 130, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 130, 157);  
box-shadow:4px 4px 4px 4px rgb(197, 130,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2699, 0.3596, 0.2935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 130, 157) }
```

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

```
.background{ background-color: rgb(197,  
130, 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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