

Converting Colors

$Y_{xy}(30.3177, 0.3627, 0.2936)$

Have a look what the booklet for
Yxy(30.3177, 0.3627, 0.2936)
contains.

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Color

Yxy(30.2429, 0.3633, 0.2937)

Conversions

Conversions Part 1

Format	Color
Hex	C7819C
RGB	199, 129, 156
RGB Percent	78%, 51%, 61%
CMY	0.2195, 0.4942, 0.3882
CMYK	0.00, 0.35, 0.22, 0.22
HSL	337°, 38%, 64%
HSV	337°, 35%, 78%
XYZ	37.4098, 30.2429, 35.3194
YIQ	153.0080, 33.0530, 23.2370

Conversions

Conversions Part 2

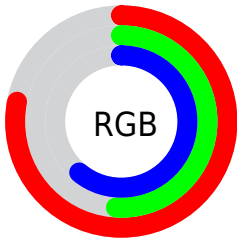
Format	Color
R _Y B	199, 129, 156
Decimal	13074844
CIE Lab	61.86, 30.81, -3.17
CIE LCh	62, 30.971, 354.121
Yxy	30.2429, 0.3633, 0.2937
Android (android.graphics.Color)	4291264924 (0xFFC7819C)
YUV	153.0080, 1.4751, 40.3350
Hunter-Lab	54.9935, 25.1872, 0.4167

Details

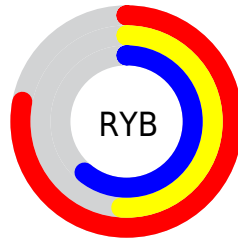
The Yxy color **30.2429, 0.3633, 0.2937** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.5052, 0.2800, 0.3678**, and the grayscale version is **31.8423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7801, 0.3518, 0.3013**, and **12.3980, 0.3809, 0.2815** is the 20% darker color. If you saturate the color by 10%, you get **25.1087, 0.3848, 0.2837**, and if you desaturate by 10%, it is **36.4428, 0.3453, 0.3041**.

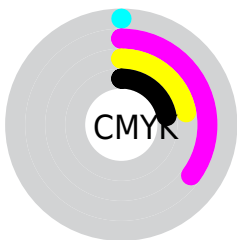
Distribution



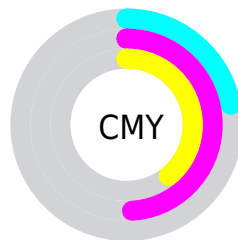
- Red (78%)
- Green (51%)
- Blue (61%)



- Red (78%)
- Yellow (51%)
- Blue (61%)



- Cyan (0%)
- Magenta (35%)
- Yellow (22%)
- Black (22%)





- Cyan (22%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2429, 0.3633, 0.2937 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 30.2429, 0.3633, 0.2937 by changing the saturation by 10% instead.


 30.2429, 0.3633,
0.2937


 30.2429, 0.3633,
0.2937


303.0350, 0.3364,
0.3123


 20.0230, 0.3706,
0.2887

 60.0461, 0.3531,
0.3007

 12.4118, 0.3804,
0.2822


 80.3982, 0.3494,
0.3032

 7.0248, 0.3940,
0.2731


 104.8965, 0.3463,
0.3054

 3.4776, 0.4145,
0.2596

133.9255, 0.3437,
0.3072

 1.3859, 0.4484,
0.2378

167.8694, 0.3415,
0.3087

 0.2063, 0.5934,
0.1285

207.1127, 0.3396,

 0.0000, 0.0000,

0.3101

0.0000

252.0398, 0.3379,
0.3112

■ 30.2429, 0.3633,
0.2937

■ 30.2429, 0.3633,
0.2937

■ 25.1087, 0.3848,
0.2837

■ 36.4428, 0.3453,
0.3041

■ 20.9751, 0.4099,
0.2748

■ 43.7599, 0.3304,
0.3144

■ 17.7767, 0.4383,
0.2682


■ 52.2477, 0.3182,
0.3242

■ 15.4380, 0.4693,
0.2650

■ 61.9549, 0.3081,
0.3333

■ 13.8721, 0.5010,
0.2666


■ 72.9274, 0.2999,
0.3418


 12.9728, 0.5311,
0.2733

 85.2087, 0.2931,
0.3496

 12.6784, 0.5449,
0.2775

 90.0520, 0.2869,
0.3431

 90.8098, 0.2806,
0.3301

 90.8859, 0.2800,
0.3289

Harmonies

Analogous

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



30.2429, 0.3128, 0.2650



30.2429, 0.3633, 0.2937



30.2429, 0.4011, 0.3311

Triad

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



30.2429, 0.3633, 0.2937



30.2429, 0.3555, 0.4197



30.2429, 0.2219, 0.2759

Complementary

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



30.2429, 0.3633, 0.2937



48.5052, 0.2800, 0.3678

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.



30.2429, 0.2312, 0.3168



30.2429, 0.3633, 0.2937



30.2429, 0.3064, 0.4070

Square

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



30.2429, 0.3633, 0.2937



30.2429, 0.3949, 0.4039



30.2429, 0.2612, 0.3669



30.2429, 0.2340, 0.2533

Rectangle

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



30.2429, 0.3633, 0.2937



30.2429, 0.4121, 0.3576



30.2429, 0.2612, 0.3669



30.2429, 0.2226, 0.2877

Sweetspot

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



30.2443, 0.3633, 0.2937



82.3303, 0.3252, 0.3184



28.4822, 0.2886, 0.2351



17.1949, 0.3269, 0.3170



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.



30.2443, 0.3633, 0.2937



46.0916, 0.3789, 0.2862



31.3373, 0.3924, 0.3386



10.7035, 0.3230, 0.3201



8.1659, 0.5413, 0.2756



0.4008, 0.4851, 0.2446

Inverse Universe

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



30.2443, 0.3633, 0.2937



46.0916, 0.3789, 0.2862



46.5010, 0.2623, 0.3191



10.7035, 0.3230, 0.3201



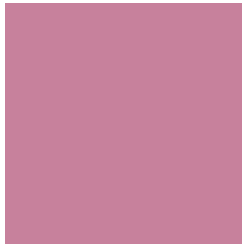
8.1659, 0.5413, 0.2756



0.4008, 0.4851, 0.2446

Previews

White Background



This preview shows how the Yxy color 30.2429, 0.3633, 0.2937 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 30.2429, 0.3633, 0.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

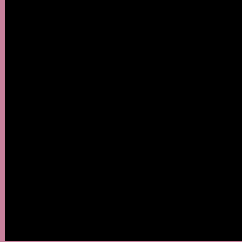
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2429, 0.3633, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 30.2429, 0.3633, 0.2937.



This preview shows how white text looks on a background with the Yxy color 30.2429, 0.3633, 0.2937.

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

30.2429, 0.3633, 0.2937

Protanopia

30.5251, 0.2934, 0.3000

Deuteranopia

30.3372, 0.3238, 0.3171



Tritanopia

30.2959, 0.3777, 0.3171

Trichromacy



Original Color

30.2429, 0.3633, 0.2937

Protanomaly

30.1333, 0.3163, 0.2969

Deuteranomaly

30.0284, 0.3377, 0.3076

Tritanomaly

30.3137, 0.3733, 0.3092

Monochromacy



Original Color

30.2429, 0.3633, 0.2937

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.8257, 0.3304, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2429, 0.3633, 0.2937 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(199, 129, 156)` looks like.

```
.text, #text, p{  
    color:rgb(199, 129, 156)  
}
```

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(199, 129, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 129, 156) }
```

Border

The CSS property to change the border of an element to Yxy 30.2429, 0.3633, 0.2937 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(199, 129, 156) }
```

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

```
.border{ border-color:rgb(199, 129, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 129, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 129, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 129, 156);  
box-shadow:4px 4px 4px 4px rgb(199, 129,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2429, 0.3633, 0.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 129, 156) }
```

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

```
.background{ background-color: rgb(199,  
129, 156) }
```

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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