

Converting Colors

$Yxy(30.5477, 0.3097, 0.2186)$

Have a look what the booklet for
Yxy(30.5477, 0.3097, 0.2186)
contains.

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Color

Yxy(30.5477, 0.3097, 0.2186)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CC76D4 |
| RGB | 204, 118, 212 |
| RGB Percent | 80%, 46%, 83% |
| CMY | 0.1998, 0.5374, 0.1685 |
| CMYK | 0.04, 0.44, 0.00, 0.17 |
| HSL | 295°, 52%, 65% |
| HSV | 295°, 44%, 83% |
| XYZ | 43.2782, 30.5477, 65.9165 |
| YIQ | 154.4300, 21.0820, 47.4660 |

Conversions

Conversions Part 2

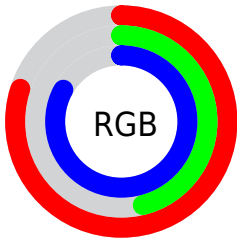
| Format | Color |
|-------------------------------------|--|
| RYB | 204, 118, 212 |
| Decimal | 13399764 |
| CIELab | 62.12, 47.92, -34.49 |
| CIELCh | 62, 59.045, 324.254 |
| Yxy | 30.5477, 0.3097, 0.2186 |
| Android (android.graphics.Color) | 4291589844 (0xFFCC76D4) |
| YUV | 154.4300, 28.3820, 43.4729 |
| Hunter-Lab | 55.2700, 43.0490, -32.0219 |

Details

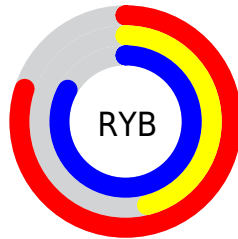
The Yxy color **30.5477, 0.3097, 0.2186** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **52.8348, 0.3114, 0.4647**, and the grayscale version is **32.3788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.9850, 0.3165, 0.2479**, and **12.6267, 0.3061, 0.1909** is the 20% darker color. If you saturate the color by 10%, you get **25.8539, 0.3083, 0.1965**, and if you desaturate by 10%, it is **36.3692, 0.3108, 0.2428**.

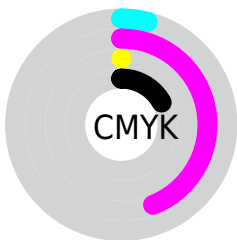
Distribution



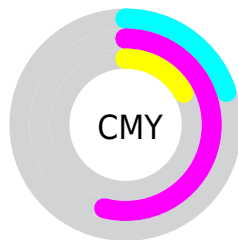
- Red (80%)
- Green (46%)
- Blue (83%)



- Red (80%)
- Yellow (46%)
- Blue (83%)



- Cyan (4%)
- Magenta (44%)
- Yellow (0%)
- Black (17%)




- Cyan (20%)
- Magenta (54%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.5477, 0.3097, 0.2186 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 30.5477, 0.3097, 0.2186 by changing the saturation by 10% instead.


 30.5477, 0.3097,
0.2186


 30.5477, 0.3097,
0.2186


304.4491, 0.3132,
0.2719

 20.2547, 0.3082,
0.2060


 60.5273, 0.3114,
0.2375

 12.5803, 0.3060,
0.1904

 80.9826, 0.3119,
0.2447

 7.1402, 0.3024,
0.1706


 105.5941, 0.3123,
0.2509

 3.5499, 0.2965,
0.1448

134.7463, 0.3126,
0.2562

 1.4251, 0.2856,
0.1106

168.8235, 0.3128,
0.2609

 0.2351, 0.2707,
0.0418

208.2101, 0.3130,

 0.0000, 0.1801,

0.2650


0.0000


253.2905, 0.3131,
0.2687


 0.0000, 0.0000,
0.0000

 30.5477, 0.3097,
0.2186


 30.5477, 0.3097,
0.2186


 25.8539, 0.3083,
0.1965


 36.3692, 0.3108,
0.2428


 22.2075, 0.3067,
0.1774


 43.3834, 0.3116,
0.2681


 19.5245, 0.3049,
0.1622


 51.6551, 0.3122,
0.2935

 17.7056, 0.3029,
0.1513

 61.2434, 0.3126,
0.3184

 16.6304, 0.3007,
0.1448


 72.2035, 0.3128,
0.3423

 16.2342, 0.2995,
0.1424

 84.5876, 0.3128,
0.3647

 90.9684, 0.3134,
0.3744

 91.2443, 0.3145,
0.3743

 91.5231, 0.3157,
0.3741

Harmonies

Analogous

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



30.5477, 0.2271, 0.1939



30.5477, 0.3097, 0.2186



30.5477, 0.4075, 0.2647

Triad

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



30.5477, 0.3097, 0.2186



30.5477, 0.4559, 0.4553



30.5477, 0.1681, 0.2982

Complementary

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



30.5477, 0.3097, 0.2186



52.8348, 0.3114, 0.4647

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.



30.5477, 0.2151, 0.4022



30.5477, 0.3097, 0.2186



30.5477, 0.3807, 0.5012

Square

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



30.5477, 0.3097, 0.2186



30.5477, 0.4966, 0.3899



30.5477, 0.2928, 0.4883



30.5477, 0.1562, 0.2272

Rectangle

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



30.5477, 0.3097, 0.2186



30.5477, 0.4619, 0.3035



30.5477, 0.2928, 0.4883



30.5477, 0.1797, 0.3306

Sweetspot

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



30.5490, 0.3097, 0.2186



80.1147, 0.3123, 0.2966



23.8781, 0.2320, 0.2052



16.5001, 0.3122, 0.2910



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.



30.5490, 0.3097, 0.2186



39.7717, 0.3084, 0.1982



30.0203, 0.3586, 0.2606



12.5768, 0.3124, 0.3059



10.0415, 0.2999, 0.1426



0.6218, 0.3037, 0.1447

Inverse Universe

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



28.4531, 0.4198, 0.3194



36.3034, 0.4558, 0.3179



53.3332, 0.2846, 0.4105



12.4377, 0.3278, 0.3271



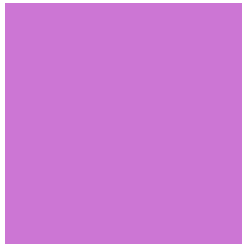
8.6741, 0.6300, 0.3244



0.5292, 0.6018, 0.3089

Previews

White Background



This preview shows how the Yxy color 30.5477, 0.3097, 0.2186 looks on a white background.

Color Contrast Check

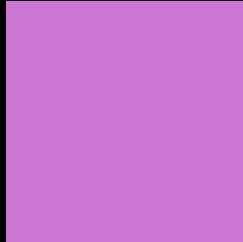
Large Text (above 18pt) WCAG AA × Fail

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 30.5477, 0.3097, 0.2186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

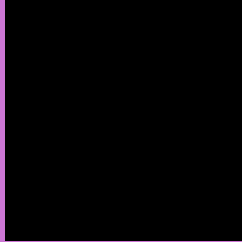
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5477, 0.3097, 0.2186

Background



This preview shows how black text looks on a background with the Yxy color 30.5477, 0.3097, 0.2186.



This preview shows how white text looks on a background with the Yxy color 30.5477, 0.3097, 0.2186.

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

30.5477, 0.3097, 0.2186

Protanopia

31.0761, 0.2234, 0.2090

Deuteranopia

30.9377, 0.2521, 0.2471



Tritanopia

30.3908, 0.3716, 0.3144

Trichromacy



Original Color

30.5477, 0.3097, 0.2186



Protanomaly

29.8823, 0.2480, 0.2097



Deuteranomaly

30.1020, 0.2705, 0.2342



Tritanomaly

30.3087, 0.3475, 0.2759

Monochromacy



Original Color

30.5477, 0.3097, 0.2186



Achromatopsia

32.3143, 0.3127, 0.3290



Achromatomaly

30.9156, 0.3119, 0.2813

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5477, 0.3097, 0.2186 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(204, 118, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 118, 212) }
```

Border

The CSS property to change the border of an element to Yxy 30.5477, 0.3097, 0.2186 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, 212) }
```

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

```
.border{ border-color:rgb(204, 118, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 118, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 118, 212);  
box-shadow:4px 4px 4px 4px rgb(204, 118,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5477, 0.3097, 0.2186 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, 212) }
```

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

```
.background{ background-color: rgb(204,  
118, 212) }
```

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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