

Converting Colors

Yxy(30.1124, 0.3060, 0.2298)

Have a look what the booklet for
Yxy(30.1124, 0.3060, 0.2298)
contains.

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Color

Yxy(30.1124, 0.3060, 0.2298)

Conversions

Conversions Part 1

Format	Color
Hex	C17CCC
RGB	193, 124, 204
RGB Percent	76%, 49%, 80%
CMY	0.2432, 0.5137, 0.2000
CMYK	0.05, 0.39, 0.00, 0.20
HSL	292°, 44%, 64%
HSV	292°, 39%, 80%
XYZ	40.0975, 30.1124, 60.8276
YIQ	153.7510, 15.4440, 39.5080

Conversions

Conversions Part 2

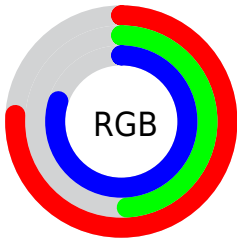
Format	Color
R_{YB}	193, 124, 204
Decimal	12680396
CIE _{Lab}	61.75, 39.86, -30.67
CIE _{LCh}	62, 50.295, 322.431
Yxy	30.1124, 0.3060, 0.2298
Android (android.graphics.Color)	4290870476 (0xFFC17CCC)
YUV	153.7510, 24.7728, 34.4214
Hunter-Lab	54.8748, 34.4006, -27.3094

Details

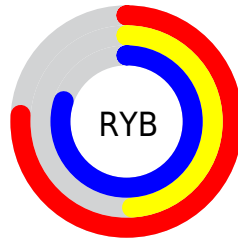
The Yxy color **30.1124, 0.3060, 0.2298** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **49.7956, 0.3150, 0.4452**, and the grayscale version is **32.0855, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5700, 0.3131, 0.2529**, and **12.3704, 0.3011, 0.2028** is the 20% darker color. If you saturate the color by 10%, you get **25.1526, 0.3033, 0.2057**, and if you desaturate by 10%, it is **36.1395, 0.3083, 0.2552**.

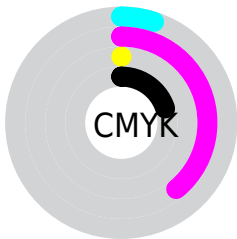
Distribution



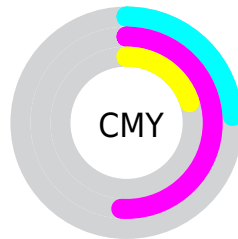
- Red (76%)
- Green (49%)
- Blue (80%)



- Red (76%)
- Yellow (49%)
- Blue (80%)



- Cyan (5%)
- Magenta (39%)
- Yellow (0%)
- Black (20%)





- Cyan (24%)
- Magenta (51%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1124, 0.3060, 0.2298 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 30.1124, 0.3060, 0.2298 by changing the saturation by 10% instead.


 30.1124, 0.3060,
0.2298

 30.1124, 0.3060,
0.2298


302.4280, 0.3110,
0.2786

 19.9239, 0.3042,
0.2180


 59.8399, 0.3082,
0.2473

 12.3398, 0.3016,
0.2032


 80.1477, 0.3089,
0.2539

 6.9755, 0.2976,
0.1841


 104.5974, 0.3095,
0.2595

 3.4468, 0.2911,
0.1587

133.5733, 0.3099,
0.2644

 1.3692, 0.2794,
0.1240

167.4600, 0.3103,
0.2686

 0.1939, 0.2650,
0.0429

206.6417, 0.3106,

 0.0000, 0.0830,

0.2724

0.0000

251.5029, 0.3108,
0.2756

0.0000, 0.0000,
0.0000

30.1124, 0.3060,
0.2298

30.1124, 0.3060,
0.2298

25.1526, 0.3033,
0.2057

36.1395, 0.3083,
0.2552

21.1904, 0.3003,
0.1840

43.2901, 0.3101,
0.2811

18.1540, 0.2971,
0.1656


51.6210, 0.3116,
0.3065

15.9604, 0.2936,
0.1513


61.1843, 0.3128,
0.3309


14.5116, 0.2900,
0.1414

72.0286, 0.3137,
0.3539

 13.6413, 0.2864,
0.1354

 84.2002, 0.3143,
0.3753

 13.5806, 0.2861,
0.1350

 89.9737, 0.3155,
0.3836

 90.3964, 0.3172,
0.3833

 90.8264, 0.3190,
0.3830

Harmonies

Analogous

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



30.1124, 0.2348, 0.2091



30.1124, 0.3060, 0.2298



30.1124, 0.3895, 0.2703

Triad

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



30.1124, 0.3060, 0.2298



30.1124, 0.4425, 0.4390



30.1124, 0.1878, 0.3092

Complementary

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



30.1124, 0.3060, 0.2298



49.7956, 0.3150, 0.4452

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.



30.1124, 0.2325, 0.3966



30.1124, 0.3060, 0.2298



30.1124, 0.3793, 0.4762

Square

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



30.1124, 0.3060, 0.2298



30.1124, 0.4729, 0.3826



30.1124, 0.3024, 0.4652



30.1124, 0.1742, 0.2445

Rectangle

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



30.1124, 0.3060, 0.2298



30.1124, 0.4370, 0.3050



30.1124, 0.3024, 0.4652



30.1124, 0.1992, 0.3372

Sweetspot

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



30.1137, 0.3060, 0.2298



81.2164, 0.3112, 0.2991



26.2562, 0.2436, 0.2283



16.9850, 0.3110, 0.2957



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.



30.1137, 0.3060, 0.2298



42.8539, 0.3038, 0.2094



30.3903, 0.3468, 0.2639



11.3224, 0.3116, 0.3060



8.5776, 0.2867, 0.1353



0.4646, 0.2938, 0.1392

Inverse Universe

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



29.0053, 0.3962, 0.3149



40.8853, 0.4243, 0.3122



49.7405, 0.2898, 0.4052



11.2384, 0.3269, 0.3258



8.1411, 0.6205, 0.3192



0.4284, 0.5753, 0.2943

Previews

White Background



This preview shows how the Yxy color 30.1124, 0.3060, 0.2298 looks on a white background.

Color Contrast Check

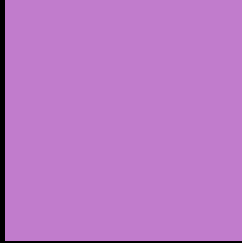
Large Text (above 18pt) WCAG AA × Fail

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 30.1124, 0.3060, 0.2298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

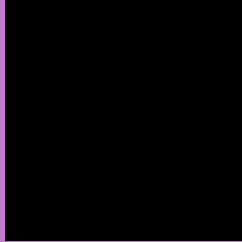
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1124, 0.3060, 0.2298

Background



This preview shows how black text looks on a background with the Yxy color 30.1124, 0.3060, 0.2298.



This preview shows how white text looks on a background with the Yxy color 30.1124, 0.3060, 0.2298.

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

30.1124, 0.3060, 0.2298

Protanopia

30.4264, 0.2354, 0.2243

Deuteranopia

30.2718, 0.2581, 0.2520



Tritanopia

30.0292, 0.3561, 0.3137

Trichromacy



Original Color

30.1124, 0.3060, 0.2298



Protanomaly

29.7611, 0.2570, 0.2256



Deuteranomaly

29.8504, 0.2743, 0.2431



Tritanomaly

30.0210, 0.3369, 0.2805

Monochromacy



Original Color

30.1124, 0.3060, 0.2298



Achromatopsia

32.3143, 0.3127, 0.3290



Achromatomaly

30.9483, 0.3105, 0.2876

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1124, 0.3060, 0.2298 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(193, 124, 204)` looks like.

```
.text, #text, p{  
    color:rgb(193, 124, 204)  
}
```

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(193, 124, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 124, 204) }
```

Border

The CSS property to change the border of an element to Yxy 30.1124, 0.3060, 0.2298 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(193, 124, 204) }
```

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

```
.border{ border-color:rgb(193, 124, 204) }
```

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

Here you see how a box with a 4 pixel rgb(193, 124, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 124, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 124, 204);  
box-shadow:4px 4px 4px 4px rgb(193, 124,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1124, 0.3060, 0.2298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 124, 204) }
```

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

```
.background{ background-color: rgb(193,  
124, 204) }
```

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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