

Converting Colors

Yxy(30.4189, 0.3178, 0.2435)

Have a look what the booklet for
Yxy(30.4189, 0.3178, 0.2435)
contains.

Yxy(30.4189, 0.3178, 0.2435)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(30.4189, 0.3178, 0.2435)

Conversions

Conversions Part 1

Format	Color
Hex	C37EC2
RGB	195, 126, 194
RGB Percent	76%, 49%, 76%
CMY	0.2353, 0.5058, 0.2393
CMYK	0.00, 0.35, 0.01, 0.24
HSL	301°, 36%, 63%
HSV	301°, 35%, 76%
XYZ	39.7007, 30.4189, 54.8040
YIQ	154.3830, 19.2960, 35.7760

Conversions

Conversions Part 2

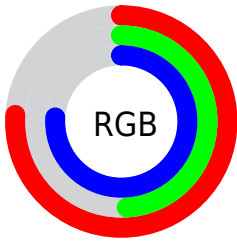
Format	Color
R_{YB}	195, 126, 194
Decimal	12811970
CIE _{Lab}	62.01, 37.49, -24.58
CIE _{LCh}	62, 44.832, 326.745
Yxy	30.4189, 0.3178, 0.2435
Android (android.graphics.Color)	4291002050 (0xFFC37EC2)
YUV	154.3830, 19.5312, 35.6211
Hunter-Lab	55.1533, 31.9704, -20.3071

Details

The Yxy color $30.4189, 0.3178, 0.2435$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $44.9974, 0.3071, 0.4325$, and the grayscale version is $32.3989, 0.3127, 0.3290$.

A 20% lighter version of the original color is $60.4902, 0.3176, 0.2588$, and $12.5011, 0.3178, 0.2199$ is the 20% darker color. If you saturate the color by 10%, you get $25.8966, 0.3193, 0.2210$, and if you desaturate by 10%, it is $35.9159, 0.3163, 0.2675$.

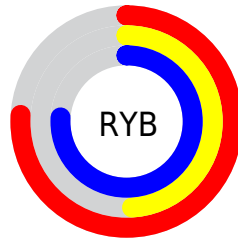
Distribution



Red (76%)

Green (49%)

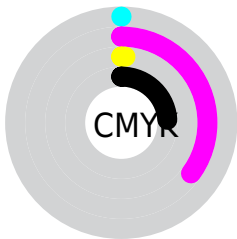
Blue (76%)



Red (76%)

Yellow (49%)

Blue (76%)

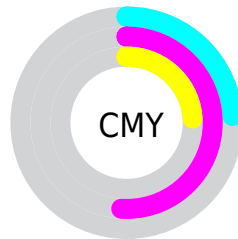


Cyan (0%)

Magenta (35%)

Yellow (1%)

Black (24%)



Cyan (24%)


Magenta (51%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.4189, 0.3178, 0.2435 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 30.4189, 0.3178, 0.2435 by changing the saturation by 10% instead.


 30.4189, 0.3178,
0.2435


 30.4189, 0.3178,
0.2435


303.8522, 0.3163,
0.2860

 20.1568, 0.3178,
0.2330


 60.3240, 0.3175,
0.2589

 12.5090, 0.3176,
0.2198


 80.7358, 0.3173,
0.2647

 7.0914, 0.3169,
0.2024


 105.2996, 0.3171,
0.2696

 3.5193, 0.3152,
0.1787

134.3997, 0.3170,
0.2738

 1.4085, 0.3109,
0.1453

168.4207, 0.3168,
0.2775

 0.2230, 0.3113,
0.0598

207.7468, 0.3166,


 0.0000, 0.0901,


0.2807

0.0000


252.7625, 0.3165,
0.2835

 0.0000, 0.0000,
0.0000


 30.4189, 0.3178,
0.2435


 30.4189, 0.3178,
0.2435

 25.8966, 0.3193,
0.2210


 35.9159, 0.3163,
0.2675

 22.2882, 0.3206,
0.2008

 42.4356, 0.3149,
0.2920


 19.5324, 0.3218,
0.1839


 50.0278, 0.3134,
0.3163


 17.5590, 0.3229,
0.1709

 58.7378, 0.3121,
0.3397

 16.2862, 0.3237,
0.1622


 68.6084, 0.3109,
0.3620


 15.6140, 0.3244,
0.1576

 79.6799, 0.3097,
0.3827

 15.4124, 0.3246,
0.1562

 87.1064, 0.3090,
0.3946

 87.1195, 0.3089,
0.3942

 87.1327, 0.3087,
0.3939

Harmonies

Analogous

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



30.4189, 0.2509, 0.2217



30.4189, 0.3178, 0.2435



30.4189, 0.3912, 0.2829

Triad

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



30.4189, 0.3178, 0.2435



30.4189, 0.4235, 0.4356



30.4189, 0.1966, 0.3025

Complementary

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



30.4189, 0.3178, 0.2435



44.9974, 0.3071, 0.4325

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.



30.4189, 0.2339, 0.3777



30.4189, 0.3178, 0.2435



30.4189, 0.3644, 0.4615

Square

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



30.4189, 0.3178, 0.2435



30.4189, 0.4547, 0.3871



30.4189, 0.2949, 0.4423



30.4189, 0.1876, 0.2479

Rectangle

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



30.4189, 0.3178, 0.2435



30.4189, 0.4303, 0.3157



30.4189, 0.2949, 0.4423



30.4189, 0.2059, 0.3263

Sweetspot

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



30.4202, 0.3178, 0.2435



81.4882, 0.3143, 0.3023



23.3013, 0.2493, 0.2241



17.4420, 0.3144, 0.2989



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.



30.4202, 0.3178, 0.2435



48.4252, 0.3189, 0.2269



29.0820, 0.3543, 0.2834



10.2449, 0.3140, 0.3066



10.0191, 0.3246, 0.1562



0.4337, 0.3237, 0.1557

Inverse Universe

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



30.4202, 0.3178, 0.2435



48.4252, 0.3189, 0.2269



46.0200, 0.2850, 0.3801



10.2449, 0.3140, 0.3066



10.0191, 0.3246, 0.1562



0.4337, 0.3237, 0.1557

Previews

White Background



This preview shows how the Yxy color 30.4189, 0.3178, 0.2435 looks on a white background.

Color Contrast Check

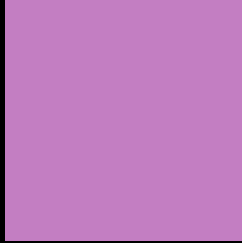
Large Text (above 18pt) WCAG AA × Fail

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 30.4189, 0.3178, 0.2435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

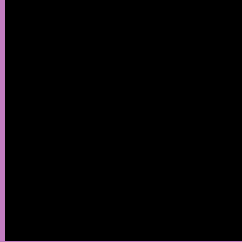
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4189, 0.3178, 0.2435

Background



This preview shows how black text looks on a background with the Yxy color 30.4189, 0.3178, 0.2435.



This preview shows how white text looks on a background with the Yxy color 30.4189, 0.3178, 0.2435.

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

30.4189, 0.3178, 0.2435

Protanopia

30.7083, 0.2471, 0.2393

Deuteranopia

30.5144, 0.2723, 0.2660



Tritanopia

30.5025, 0.3617, 0.3154

Trichromacy



Original Color

30.4189, 0.3178, 0.2435



Protanomaly

30.0340, 0.2686, 0.2392



Deuteranomaly

30.0134, 0.2882, 0.2564



Tritanomaly

30.2232, 0.3457, 0.2875

Monochromacy



Original Color

30.4189, 0.3178, 0.2435



Achromatopsia

32.3143, 0.3127, 0.3290



Achromatomaly

31.2461, 0.3144, 0.2933

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4189, 0.3178, 0.2435 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(195, 126, 194)` looks like.

```
.text, #text, p{  
    color:rgb(195, 126, 194)  
}
```

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(195, 126, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 126, 194) }
```

Border

The CSS property to change the border of an element to Yxy 30.4189, 0.3178, 0.2435 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(195, 126, 194) }
```

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

```
.border{ border-color:rgb(195, 126, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 126, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 126, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 126, 194);  
box-shadow:4px 4px 4px 4px rgb(195, 126,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4189, 0.3178, 0.2435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 126, 194) }
```

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

```
.background{ background-color: rgb(195,  
126, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor