

Converting Colors

$Y_{xy}(24.9693, 0.3062, 0.2226)$

Have a look what the booklet for
Yxy(24.9693, 0.3062, 0.2226)
contains.

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Color

Yxy(25.1197, 0.3066, 0.2233)

Conversions

Conversions Part 1

Format	Color
Hex	B66FC0
RGB	182, 111, 192
RGB Percent	71%, 44%, 75%
CMY	0.2862, 0.5647, 0.2472
CMYK	0.05, 0.42, 0.00, 0.25
HSL	293°, 39%, 59%
HSV	293°, 42%, 75%
XYZ	34.4904, 25.1197, 52.8830
YIQ	141.4630, 16.3150, 40.2430

Conversions

Conversions Part 2

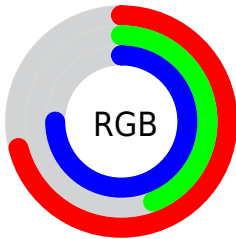
Format	Color
R_{YB}	182, 111, 192
Decimal	11956160
CIE _{Lab}	57.19, 41.15, -31.02
CIE _{LCh}	57, 51.533, 322.993
Yxy	25.1197, 0.3066, 0.2233
Android (android.graphics.Color)	4290146240 (0xFFB66FC0)
YUV	141.4630, 24.9147, 35.5509
Hunter-Lab	50.1196, 35.1277, -27.4754

Details

The Yxy color **25.1197, 0.3066, 0.2233** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **42.8962, 0.3140, 0.4551**, and the grayscale version is **26.7233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7412, 0.3085, 0.2420**, and **9.5787, 0.3013, 0.1930** is the 20% darker color. If you saturate the color by 10%, you get **21.0870, 0.3043, 0.2001**, and if you desaturate by 10%, it is **30.0596, 0.3086, 0.2482**.

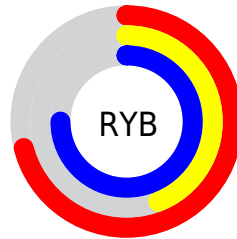
Distribution



Red (71%)

Green (44%)

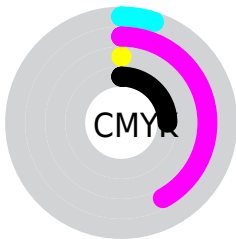
Blue (75%)



Red (71%)

Yellow (44%)

Blue (75%)

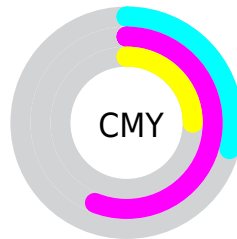


Cyan (5%)

Magenta (42%)

Yellow (0%)

Black (25%)



Cyan (29%)


Magenta (56%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1197, 0.3066, 0.2233 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 25.1197, 0.3066, 0.2233 by changing the saturation by 10% instead.


 25.1197, 0.3066,
0.2233


 25.1197, 0.3066,
0.2233


278.4335, 0.3116,
0.2764


 16.1663, 0.3047,
0.2102


 51.8513, 0.3089,
0.2426


 9.6419, 0.3017,
0.1935


 70.3983, 0.3096,
0.2498

 5.1622, 0.2970,
0.1717


 92.9120, 0.3102,
0.2560

 2.3427, 0.2890,
0.1424

 119.7766, 0.3106,
0.2612

 0.7962, 0.2738,
0.1020

151.3767, 0.3110,
0.2658

 0.0000, 0.2511,
0.0000

188.0966, 0.3112,

 0.0000, 0.0000,

0.2698

0.0000

230.3208, 0.3114,
0.2733

■ 25.1197, 0.3066,
0.2233

■ 25.1197, 0.3066,
0.2233

■ 21.0870, 0.3043,
0.2001

■ 30.0596, 0.3086,
0.2482

■ 17.9001, 0.3016,
0.1796

■ 35.9564, 0.3102,
0.2737

■ 15.4948, 0.2987,
0.1626


■ 42.8604, 0.3115,
0.2992

■ 13.7968, 0.2956,
0.1498

■ 50.8170, 0.3125,
0.3238

■ 12.7168, 0.2925,
0.1414

■ 59.8690, 0.3133,
0.3472

 12.1700, 0.2900,
0.1371

 70.0570, 0.3137,
0.3690

 81.4192, 0.3140,
0.3891

 87.7279, 0.3149,
0.3984

 88.0573, 0.3163,
0.3981

Harmonies

Analogous

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



25.1197, 0.2298, 0.2008



25.1197, 0.3066, 0.2233



25.1197, 0.3976, 0.2666

Triad

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



25.1197, 0.3066, 0.2233



25.1197, 0.4507, 0.4469



25.1197, 0.1777, 0.3048

Complementary

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



25.1197, 0.3066, 0.2233



42.8962, 0.3140, 0.4551

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.



25.1197, 0.2242, 0.4011



25.1197, 0.3066, 0.2233



25.1197, 0.3814, 0.4891

Square

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



25.1197, 0.3066, 0.2233



25.1197, 0.4857, 0.3857



25.1197, 0.2987, 0.4780



25.1197, 0.1645, 0.2361

Rectangle

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



25.1197, 0.3066, 0.2233



25.1197, 0.4491, 0.3034



25.1197, 0.2987, 0.4780



25.1197, 0.1895, 0.3353

Sweetspot

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



25.1208, 0.3066, 0.2233



76.3106, 0.3114, 0.2966



21.0534, 0.2377, 0.2176



15.7476, 0.3112, 0.2909



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.1208, 0.3066, 0.2233



38.4575, 0.3043, 0.2009



25.1906, 0.3518, 0.2609



10.1827, 0.3119, 0.3062



8.2148, 0.2904, 0.1373



0.3729, 0.2976, 0.1413

Inverse Universe

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



23.9513, 0.4067, 0.3156



36.1741, 0.4413, 0.3130



42.9802, 0.2876, 0.4095



10.0976, 0.3270, 0.3262



7.5904, 0.6230, 0.3205



0.3347, 0.5759, 0.2946

Previews

White Background



This preview shows how the Yxy color 25.1197, 0.3066, 0.2233 looks on a white background.

Color Contrast Check

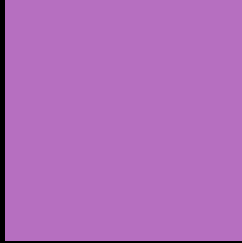
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1197, 0.3066, 0.2233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

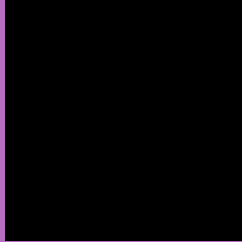
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1197, 0.3066, 0.2233

Background



This preview shows how black text looks on a background with the Yxy color 25.1197, 0.3066, 0.2233.



This preview shows how white text looks on a background with the Yxy color 25.1197, 0.3066, 0.2233.

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

25.1197, 0.3066, 0.2233

Protanopia

25.3964, 0.2284, 0.2150

Deuteranopia

25.4071, 0.2546, 0.2493



Tritanopia

25.1074, 0.3634, 0.3157

Trichromacy



Original Color

25.1197, 0.3066, 0.2233



Protanomaly

24.5637, 0.2508, 0.2151



Deuteranomaly

24.7822, 0.2706, 0.2372



Tritanomaly

24.8739, 0.3426, 0.2789

Monochromacy



Original Color

25.1197, 0.3066, 0.2233



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

25.5712, 0.3104, 0.2831

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1197, 0.3066, 0.2233 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(182, 111, 192)` looks like.

```
.text, #text, p{  
    color:rgb(182, 111, 192)  
}
```

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(182, 111, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 111, 192) }
```

Border

The CSS property to change the border of an element to Yxy 25.1197, 0.3066, 0.2233 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(182, 111, 192) }
```

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

```
.border{ border-color:rgb(182, 111, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 111, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 111, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 111, 192);  
box-shadow:4px 4px 4px 4px rgb(182, 111,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1197, 0.3066, 0.2233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 111, 192) }
```

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

```
.background{ background-color: rgb(182,  
111, 192) }
```

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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