

Converting Colors

$Y_{xy}(25.5974, 0.2991, 0.1977)$

Have a look what the booklet for
Yxy(25.5974, 0.2991, 0.1977)
contains.

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Color

Yxy(25.7255, 0.2995, 0.1982)

Conversions

Conversions Part 1

Format	Color
Hex	C266D4
RGB	194, 102, 212
RGB Percent	76%, 40%, 83%
CMY	0.2394, 0.5999, 0.1687
CMYK	0.09, 0.52, 0.00, 0.17
HSL	290°, 56%, 62%
HSV	290°, 52%, 83%
XYZ	38.8738, 25.7255, 65.1964
YIQ	142.0480, 19.5220, 53.7140

Conversions

Conversions Part 2

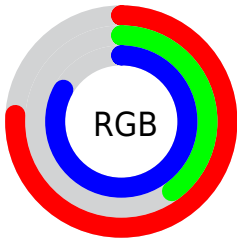
Format	Color
RYB	194, 102, 212
Decimal	12740308
CIELab	57.78, 53.15, -41.37
CIELCh	58, 67.351, 322.101
Yxy	25.7255, 0.2995, 0.1982
Android (android.graphics.Color)	4290930388 (0xFFC266D4)
YUV	142.0480, 34.4863, 45.5619
Hunter-Lab	50.7203, 48.0480, -40.7077

Details

The Yxy color **25.7255, 0.2995, 0.1982** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **52.0393, 0.3161, 0.4882**, and the grayscale version is **26.9283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6924, 0.3147, 0.2322**, and **9.9515, 0.2915, 0.1646** is the 20% darker color. If you saturate the color by 10%, you get **21.6230, 0.2956, 0.1767**, and if you desaturate by 10%, it is **30.9063, 0.3030, 0.2222**.

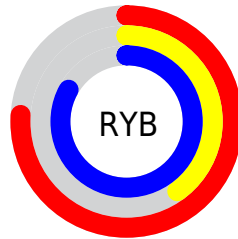
Distribution



Red (76%)

Green (40%)

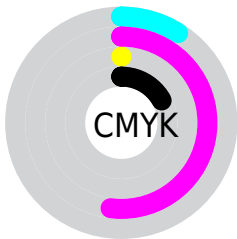
Blue (83%)



Red (76%)

Yellow (40%)

Blue (83%)

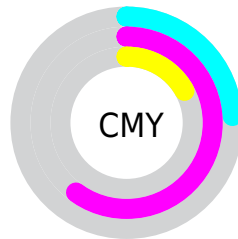


Cyan (9%)

Magenta (52%)

Yellow (0%)

Black (17%)



Cyan (24%)


Magenta (60%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7255, 0.2995, 0.1982 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 25.7255, 0.2995, 0.1982 by changing the saturation by 10% instead.


 25.7255, 0.2995,
0.1982


 25.7255, 0.2995,
0.1982


281.4320, 0.3091,
0.2616

 16.6184, 0.2962,
0.1834


 52.8318, 0.3037,
0.2206

 9.9628, 0.2914,
0.1650


 71.5997, 0.3051,
0.2292

 5.3743, 0.2842,
0.1420


 94.3568, 0.3061,
0.2365

 2.4685, 0.2727,
0.1128

 121.4873, 0.3070,
0.2429

 0.8608, 0.2529,
0.0760

153.3757, 0.3077,
0.2485

 0.0000, 0.2237,
0.0000

190.4063, 0.3083,


 0.0000, 0.0074,


0.2534


0.0000


232.9636, 0.3087,
0.2577


 0.0000, 0.0000,
0.0000


 25.7255, 0.2995,
0.1982


 25.7255, 0.2995,
0.1982

 21.6230, 0.2956,
0.1767


 30.9063, 0.3030,
0.2222


 18.5124, 0.2915,
0.1588


 37.2363, 0.3060,
0.2478

 16.2998, 0.2872,
0.1452

 44.7842, 0.3086,
0.2739

 14.8711, 0.2829,
0.1360

 53.6123, 0.3107,
0.2997

 14.1267, 0.2794,
0.1313

 63.7787, 0.3124,
0.3245

■ 75.3378, 0.3138,
0.3480

■ 88.3412, 0.3148,
0.3698

■ 91.7660, 0.3167,
0.3740

■ 92.3198, 0.3189,
0.3737

Harmonies

Analogous

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



25.7255, 0.2062, 0.1723



25.7255, 0.2995, 0.1982



25.7255, 0.4179, 0.2483

Triad

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



25.7255, 0.2995, 0.1982



25.7255, 0.4811, 0.4645



25.7255, 0.1464, 0.2966

Complementary

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



25.7255, 0.2995, 0.1982



52.0393, 0.3161, 0.4882

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.



25.7255, 0.2007, 0.4279



25.7255, 0.2995, 0.1982



25.7255, 0.3931, 0.5306

Square

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



25.7255, 0.2995, 0.1982



25.7255, 0.5303, 0.3866



25.7255, 0.2915, 0.5309



25.7255, 0.1323, 0.2115

Rectangle

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



25.7255, 0.2995, 0.1982



25.7255, 0.4864, 0.2910



25.7255, 0.2915, 0.5309



25.7255, 0.1597, 0.3370

Sweetspot

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



25.7266, 0.2995, 0.1982



75.4275, 0.3099, 0.2887



21.0999, 0.2187, 0.1913



15.5506, 0.3094, 0.2833



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.



25.7266, 0.2995, 0.1982



32.4212, 0.2953, 0.1752



26.6137, 0.3605, 0.2418



12.5248, 0.3112, 0.3058



8.7594, 0.2800, 0.1316



0.5564, 0.2875, 0.1357

Inverse Universe

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



24.8629, 0.4364, 0.3074



31.2166, 0.4792, 0.3048



51.7633, 0.2854, 0.4389



12.4537, 0.3266, 0.3252



8.7250, 0.6152, 0.3163



0.5368, 0.5709, 0.2919

Previews

White Background



This preview shows how the Yxy color 25.7255, 0.2995, 0.1982 looks on a white background.

Color Contrast Check

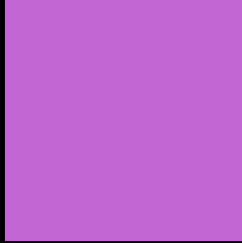
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7255, 0.2995, 0.1982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

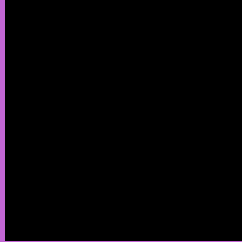
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7255, 0.2995, 0.1982

Background



This preview shows how black text looks on a background with the Yxy color 25.7255, 0.2995, 0.1982.



This preview shows how white text looks on a background with the Yxy color 25.7255, 0.2995, 0.1982.

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

25.7255, 0.2995, 0.1982

Protanopia

26.2433, 0.2039, 0.1836

Deuteranopia

25.9642, 0.2339, 0.2278



Tritanopia

25.6250, 0.3775, 0.3163

Trichromacy



Original Color

25.7255, 0.2995, 0.1982



Protanomaly

24.7740, 0.2277, 0.1848



Deuteranomaly

24.8840, 0.2528, 0.2118



Tritanomaly

25.3643, 0.3480, 0.2677

Monochromacy



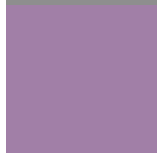
Original Color

25.7255, 0.2995, 0.1982



Achromatopsia

27.0498, 0.3127, 0.3290



Achromatomaly

25.5458, 0.3088, 0.2696

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7255, 0.2995, 0.1982 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(194, 102, 212)` looks like.

```
.text, #text, p{  
    color:rgb(194, 102, 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(194, 102, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 102, 212) }
```

Border

The CSS property to change the border of an element to Yxy 25.7255, 0.2995, 0.1982 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(194, 102, 212) }
```

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

```
.border{ border-color:rgb(194, 102, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 102, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 102, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 102, 212);  
box-shadow:4px 4px 4px 4px rgb(194, 102,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7255, 0.2995, 0.1982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 102, 212) }
```

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

```
.background{ background-color: rgb(194,  
102, 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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