

Converting Colors

$Y_{xy}(26.2376, 0.3103, 0.1985)$

Have a look what the booklet for
Yxy(26.2376, 0.3103, 0.1985)
contains.

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Color

Yxy(26.3262, 0.3102, 0.1984)

Conversions

Conversions Part 1

Format	Color
Hex	CC62D4
RGB	204, 98, 212
RGB Percent	80%, 38%, 83%
CMY	0.1999, 0.6158, 0.1686
CMYK	0.04, 0.54, 0.00, 0.17
HSL	296°, 57%, 61%
HSV	296°, 54%, 83%
XYZ	41.1612, 26.3262, 65.2051
YIQ	142.6900, 26.5820, 57.9260

Conversions

Conversions Part 2

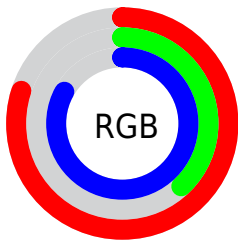
Format	Color
RYB	204, 98, 212
Decimal	13394644
CIELab	58.35, 57.83, -40.40
CIELCh	58, 70.544, 325.064
Yxy	26.3262, 0.3102, 0.1984
Android (android.graphics.Color)	4291584724 (0xFFCC62D4)
YUV	142.6900, 34.1698, 53.7689
Hunter-Lab	51.3091, 53.4056, -39.4312

Details

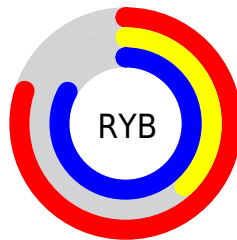
The Yxy color $26.3262, 0.3102, 0.1984$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $51.0340, 0.3093, 0.4981$, and the grayscale version is $27.1906, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.2625, 0.3174, 0.2302$, and $10.2933, 0.3050, 0.1657$ is the 20% darker color. If you saturate the color by 10%, you get $22.6643, 0.3090, 0.1794$, and if you desaturate by 10%, it is $31.0428, 0.3112, 0.2204$.

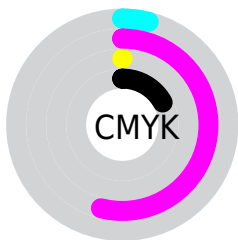
Distribution



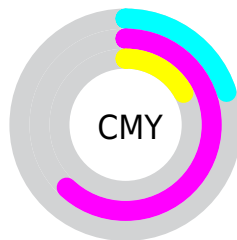
- Red (80%)
- Green (38%)
- Blue (83%)



- Red (80%)
- Yellow (38%)
- Blue (83%)



- Cyan (4%)
- Magenta (54%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (62%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3262, 0.3102, 0.1984 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 26.3262, 0.3102, 0.1984 by changing the saturation by 10% instead.


 26.3262, 0.3102,
0.1984

 26.3262, 0.3102,
0.1984


284.3797, 0.3143,
0.2613


 17.0678, 0.3083,
0.1838


 53.8007, 0.3123,
0.2205

 10.2829, 0.3054,
0.1657


 72.7857, 0.3130,
0.2291

 5.5869, 0.3006,
0.1431


 95.7816, 0.3134,
0.2364

 2.5956, 0.2925,
0.1144

 123.1729, 0.3137,
0.2427

 0.9244, 0.2776,
0.0783

155.3440, 0.3139,
0.2482

 0.0000, 0.2573,
0.0000


192.6792, 0.3141,


 0.0000, 0.1104,


0.2531

0.0000


235.5630, 0.3142,
0.2574


 0.0000, 0.0000,
0.0000

 26.3262, 0.3102,
0.1984


 26.3262, 0.3102,
0.1984


 22.6643, 0.3090,
0.1794

 31.0428, 0.3112,
0.2204

 19.9687, 0.3076,
0.1643

 36.8863, 0.3119,
0.2445


 18.1424, 0.3060,
0.1535

 43.9265, 0.3123,
0.2697

 17.0666, 0.3044,
0.1469

 52.2267, 0.3126,
0.2950

 16.6495, 0.3033,
0.1444

 61.8456, 0.3127,
0.3199

■ 72.8382, 0.3127,
0.3436

■ 85.2566, 0.3125,
0.3659

■ 90.8568, 0.3130,
0.3745

■ 91.0835, 0.3139,
0.3744

Harmonies

Analogous

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



26.3262, 0.2103, 0.1693



26.3262, 0.3102, 0.1984



26.3262, 0.4336, 0.2516

Triad

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



26.3262, 0.3102, 0.1984



26.3262, 0.4775, 0.4749



26.3262, 0.1382, 0.2833

Complementary

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



26.3262, 0.3102, 0.1984



51.0340, 0.3093, 0.4981

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.



26.3262, 0.1889, 0.4178



26.3262, 0.3102, 0.1984



26.3262, 0.3839, 0.5417

Square

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



26.3262, 0.3102, 0.1984



26.3262, 0.5349, 0.3941



26.3262, 0.2793, 0.5339



26.3262, 0.1279, 0.2015

Rectangle

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



26.3262, 0.3102, 0.1984



26.3262, 0.5014, 0.2959



26.3262, 0.2793, 0.5339



26.3262, 0.1502, 0.3236

Sweetspot

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



26.3274, 0.3102, 0.1984



76.1374, 0.3126, 0.2890



17.9648, 0.2121, 0.1715



15.7216, 0.3125, 0.2837



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.



26.3274, 0.3102, 0.1984



33.5345, 0.3088, 0.1763



25.4276, 0.3754, 0.2494



12.5865, 0.3127, 0.3060



10.2958, 0.3035, 0.1446



0.6345, 0.3067, 0.1463

Inverse Universe

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



23.7688, 0.4592, 0.3199



29.3829, 0.5127, 0.3193



51.7464, 0.2795, 0.4288



12.4347, 0.3280, 0.3274



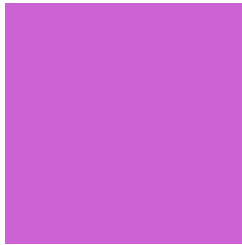
8.6675, 0.6320, 0.3255



0.5278, 0.6080, 0.3123

Previews

White Background



This preview shows how the Yxy color 26.3262, 0.3102, 0.1984 looks on a white background.

Color Contrast Check

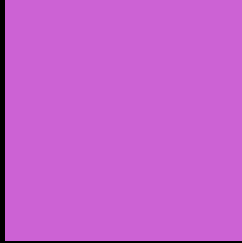
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3262, 0.3102, 0.1984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

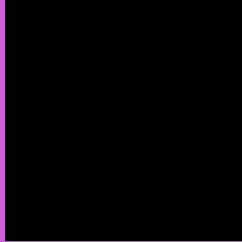
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3262, 0.3102, 0.1984

Background



This preview shows how black text looks on a background with the Yxy color 26.3262, 0.3102, 0.1984.

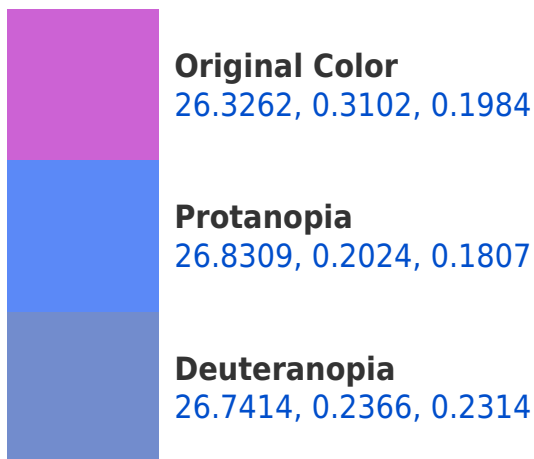


This preview shows how white text looks on a background with the Yxy color 26.3262, 0.3102, 0.1984.

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





Tritanopia

26.0896, 0.3946, 0.3169

Trichromacy



Original Color

26.3262, 0.3102, 0.1984



Protanomaly

25.0120, 0.2288, 0.1819



Deuteranomaly

25.4243, 0.2581, 0.2134



Tritanomaly

25.7424, 0.3619, 0.2664

Monochromacy



Original Color

26.3262, 0.3102, 0.1984



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

26.0052, 0.3122, 0.2691

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3262, 0.3102, 0.1984 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, 98, 212)` looks like.

```
.text, #text, p{  
    color:rgb(204, 98, 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, 98, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 98, 212) }
```

Border

The CSS property to change the border of an element to Yxy 26.3262, 0.3102, 0.1984 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, 98, 212) }
```

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

```
.border{ border-color:rgb(204, 98, 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, 98, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 98, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 98, 212);  
box-shadow:4px 4px 4px 4px rgb(204, 98,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3262, 0.3102, 0.1984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 98, 212) }
```

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

```
.background{ background-color: rgb(204, 98,  
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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