

Converting Colors

$Y_{xy}(26.5816, 0.3191, 0.2035)$

Have a look what the booklet for
Yxy(26.5816, 0.3191, 0.2035)
contains.

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Color

Yxy(26.5134, 0.3186, 0.2027)

Conversions

Conversions Part 1

Format	Color
Hex	D061D0
RGB	208, 97, 208
RGB Percent	82%, 38%, 82%
CMY	0.1843, 0.6196, 0.1842
CMYK	0.00, 0.53, 0.00, 0.18
HSL	300°, 54%, 60%
HSV	300°, 53%, 82%
XYZ	41.6733, 26.5134, 62.6145
YIQ	142.8430, 30.5250, 58.0530

Conversions

Conversions Part 2

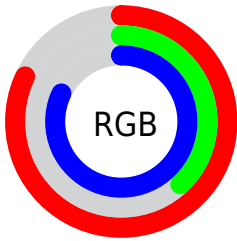
Format	Color
R _Y B	208, 97, 208
Decimal	13656528
CIE Lab	58.52, 58.64, -37.83
CIE LCh	59, 69.781, 327.170
Yxy	26.5134, 0.3186, 0.2027
Android (android.graphics.Color)	4291846608 (0xFFD061D0)
YUV	142.8430, 32.1224, 57.1427
Hunter-Lab	51.4912, 54.3556, -36.0543

Details

The Yxy color **26.5134, 0.3186, 0.2027** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **48.5332, 0.3048, 0.4988**, and the grayscale version is **27.2641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9365, 0.3174, 0.2293**, and **10.3968, 0.3170, 0.1710** is the 20% darker color. If you saturate the color by 10%, you get **23.1600, 0.3194, 0.1850**, and if you desaturate by 10%, it is **30.8770, 0.3176, 0.2236**.

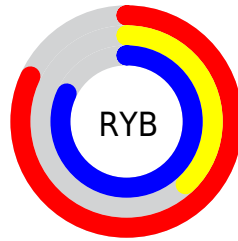
Distribution



Red (82%)

Green (38%)

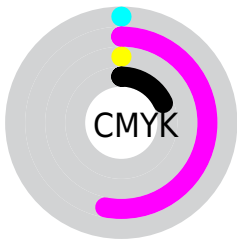
Blue (82%)



Red (82%)

Yellow (38%)

Blue (82%)

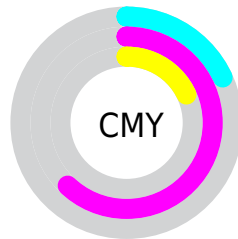


Cyan (0%)

Magenta (53%)

Yellow (0%)

Black (18%)



Cyan (18%)


Magenta (62%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5134, 0.3186, 0.2027 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 26.5134, 0.3186, 0.2027 by changing the saturation by 10% instead.


 26.5134, 0.3186,
0.2027


 26.5134, 0.3186,
0.2027


285.2933, 0.3182,
0.2638


 17.2081, 0.3179,
0.1884


 54.1020, 0.3190,
0.2242

 10.3830, 0.3165,
0.1707


 73.1542, 0.3190,
0.2325

 5.6536, 0.3139,
0.1484


 96.2240, 0.3189,
0.2396

 2.6356, 0.3088,
0.1199

 123.6961, 0.3188,
0.2458

 0.9446, 0.2982,
0.0835

155.9546, 0.3187,
0.2511

 0.0000, 0.2860,
0.0000

193.3840, 0.3185,


 0.0000, 0.1474,


0.2558


0.0000

236.3688, 0.3183,
0.2600


 0.0000, 0.0000,
0.0000


 26.5134, 0.3186,
0.2027


 26.5134, 0.3186,
0.2027


 23.1600, 0.3194,
0.1850


 30.8770, 0.3176,
0.2236


 20.7327, 0.3201,
0.1711


 36.3191, 0.3165,
0.2468


 19.1397, 0.3205,
0.1615

 42.9062, 0.3154,
0.2713

 18.2687, 0.3207,
0.1561

 50.6985, 0.3142,
0.2963

 17.9595, 0.3208,
0.1541

 59.7519, 0.3131,
0.3209

■ 70.1189, 0.3120,
0.3446

■ 81.8489, 0.3109,
0.3670

■ 89.4925, 0.3104,
0.3796

■ 89.4935, 0.3104,
0.3796

Harmonies

Analogous

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



26.5134, 0.2171, 0.1720



26.5134, 0.3186, 0.2027



26.5134, 0.4402, 0.2569

Triad

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



26.5134, 0.3186, 0.2027



26.5134, 0.4705, 0.4795



26.5134, 0.1380, 0.2766

Complementary

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



26.5134, 0.3186, 0.2027



48.5332, 0.3048, 0.4988

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.



26.5134, 0.1855, 0.4065



26.5134, 0.3186, 0.2027



26.5134, 0.3765, 0.5420

Square

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



26.5134, 0.3186, 0.2027



26.5134, 0.5305, 0.3996



26.5134, 0.2730, 0.5259



26.5134, 0.1301, 0.1994

Rectangle

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



26.5134, 0.3186, 0.2027



26.5134, 0.5044, 0.3014



26.5134, 0.2730, 0.5259



26.5134, 0.1490, 0.3151

Sweetspot

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



26.5146, 0.3186, 0.2027



76.6718, 0.3146, 0.2893



15.9935, 0.2109, 0.1625



15.8506, 0.3148, 0.2841



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.



26.5146, 0.3186, 0.2027



36.0892, 0.3195, 0.1828



24.3099, 0.3847, 0.2586



12.0089, 0.3138, 0.3061



11.1899, 0.3208, 0.1541



0.6257, 0.3209, 0.1541

Inverse Universe

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



22.8284, 0.4683, 0.3294



29.6499, 0.5222, 0.3296



49.8915, 0.2755, 0.4159



11.8083, 0.3291, 0.3290



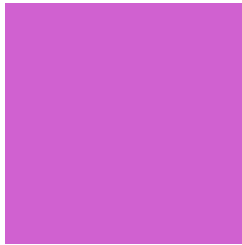
8.3579, 0.6400, 0.3299



0.4673, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 26.5134, 0.3186, 0.2027 looks on a white background.

Color Contrast Check

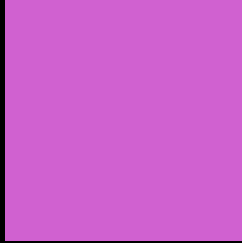
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5134, 0.3186, 0.2027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

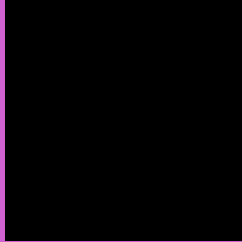
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5134, 0.3186, 0.2027

Background



This preview shows how black text looks on a background with the Yxy color 26.5134, 0.3186, 0.2027.

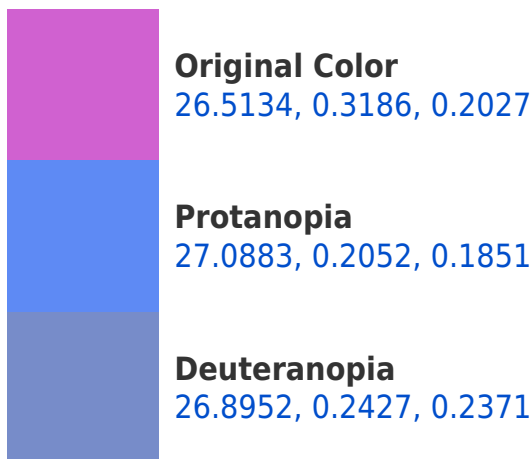


This preview shows how white text looks on a background with the Yxy color 26.5134, 0.3186, 0.2027.

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

26.4690, 0.4036, 0.3186

Trichromacy



Original Color

26.5134, 0.3186, 0.2027



Protanomaly

25.0863, 0.2327, 0.1853



Deuteranomaly

25.3542, 0.2647, 0.2174



Tritanomaly

26.1087, 0.3718, 0.2702

Monochromacy



Original Color

26.5134, 0.3186, 0.2027



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

25.9272, 0.3155, 0.2693

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5134, 0.3186, 0.2027 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(208, 97, 208)` looks like.

```
.text, #text, p{  
    color:rgb(208, 97, 208)  
}
```

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(208, 97, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 97, 208) }
```

Border

The CSS property to change the border of an element to Yxy 26.5134, 0.3186, 0.2027 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(208, 97, 208) }
```

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

```
.border{ border-color:rgb(208, 97, 208) }
```

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

Here you see how a box with a 4 pixel rgb(208, 97, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 97, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 97, 208);  
box-shadow:4px 4px 4px 4px rgb(208, 97,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5134, 0.3186, 0.2027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 97, 208) }
```

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

```
.background{ background-color: rgb(208, 97,  
208) }
```

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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