

Converting Colors

$Y_{xy}(27.0632, 0.3202, 0.2081)$

Have a look what the booklet for
Yxy(27.0632, 0.3202, 0.2081)
contains.

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Color

Yxy(27.1735, 0.3206, 0.2084)

Conversions

Conversions Part 1

Format	Color
Hex	D065CE
RGB	208, 101, 206
RGB Percent	82%, 40%, 81%
CMY	0.1843, 0.6039, 0.1923
CMYK	0.00, 0.51, 0.01, 0.18
HSL	301°, 53%, 61%
HSV	301°, 51%, 82%
XYZ	41.8034, 27.1735, 61.4142
YIQ	144.9630, 30.0670, 55.3390

Conversions

Conversions Part 2

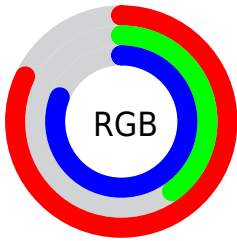
Format	Color
R _Y B	208, 101, 206
Decimal	13657550
CIE Lab	59.13, 56.39, -35.70
CIE LCh	59, 66.740, 327.658
Yxy	27.1735, 0.3206, 0.2084
Android (android.graphics.Color)	4291847630 (0xFFD065CE)
YUV	144.9630, 30.0912, 55.2834
Hunter-Lab	52.1282, 51.9208, -33.3620

Details

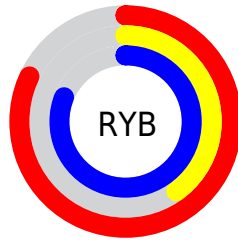
The Yxy color **27.1735, 0.3206, 0.2084** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **48.8595, 0.3040, 0.4890**, and the grayscale version is **28.1676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2569, 0.3172, 0.2329**, and **10.6904, 0.3198, 0.1773** is the 20% darker color. If you saturate the color by 10%, you get **23.6142, 0.3220, 0.1902**, and if you desaturate by 10%, it is **31.7573, 0.3191, 0.2296**.

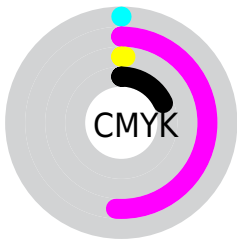
Distribution



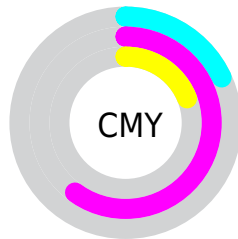
- Red (82%)
- Green (40%)
- Blue (81%)



- Red (82%)
- Yellow (40%)
- Blue (81%)



- Cyan (0%)
- Magenta (51%)
- Yellow (1%)
- Black (18%)





- Cyan (18%)
- Magenta (60%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1735, 0.3206, 0.2084 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 27.1735, 0.3206, 0.2084 by changing the saturation by 10% instead.

 27.1735, 0.3206,
0.2084


 27.1735, 0.3206,
0.2084


288.4962, 0.3189,
0.2669


 17.7036, 0.3203,
0.1946


 55.1622, 0.3205,
0.2291


 10.7374, 0.3195,
0.1775


 74.4497, 0.3203,
0.2370

 5.8905, 0.3177,
0.1558


 97.7785, 0.3201,
0.2438

 2.7786, 0.3138,
0.1277

 125.5330, 0.3198,
0.2497

 1.0173, 0.3052,
0.0913

158.0977, 0.3196,
0.2548

 0.0000, 0.2987,
0.0000

195.8568, 0.3193,


 0.0000, 0.1623,


0.2593


0.0000

239.1949, 0.3191,
0.2633

 0.0000, 0.0000,
0.0000

 27.1735, 0.3206,
0.2084


 27.1735, 0.3206,
0.2084


 23.6142, 0.3220,
0.1902


 31.7573, 0.3191,
0.2296


 20.9970, 0.3233,
0.1757


 37.4323, 0.3175,
0.2528


 19.2331, 0.3243,
0.1654

 44.2641, 0.3159,
0.2771

 18.2149, 0.3252,
0.1593

 52.3118, 0.3144,
0.3016

 17.7720, 0.3257,
0.1568

 61.6306, 0.3129,
0.3256

■ 72.2723, 0.3116,
0.3486

■ 84.2859, 0.3103,
0.3703

■ 89.5397, 0.3097,
0.3783

■ 89.5593, 0.3095,
0.3779

Harmonies

Analogous

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



27.1735, 0.2227, 0.1781



27.1735, 0.3206, 0.2084



27.1735, 0.4357, 0.2614

Triad

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



27.1735, 0.3206, 0.2084



27.1735, 0.4643, 0.4764



27.1735, 0.1446, 0.2785

Complementary

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



27.1735, 0.3206, 0.2084



48.8595, 0.3040, 0.4890

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.



27.1735, 0.1906, 0.4004



27.1735, 0.3206, 0.2084



27.1735, 0.3743, 0.5325

Square

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



27.1735, 0.3206, 0.2084



27.1735, 0.5210, 0.4005



27.1735, 0.2747, 0.5130



27.1735, 0.1369, 0.2045

Rectangle

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



27.1735, 0.3206, 0.2084



27.1735, 0.4960, 0.3047



27.1735, 0.2747, 0.5130



27.1735, 0.1553, 0.3148

Sweetspot

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



27.1747, 0.3206, 0.2084



77.9302, 0.3149, 0.2925



16.7357, 0.2159, 0.1672



16.0962, 0.3153, 0.2872



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.



27.1747, 0.3206, 0.2084



36.8191, 0.3222, 0.1881



25.0108, 0.3858, 0.2651



12.0050, 0.3141, 0.3065



11.0782, 0.3257, 0.1568



0.6207, 0.3247, 0.1563

Inverse Universe

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



27.1747, 0.3206, 0.2084



36.8191, 0.3222, 0.1881



50.2895, 0.2744, 0.4064



12.0050, 0.3141, 0.3065



11.0782, 0.3257, 0.1568



0.6207, 0.3247, 0.1563

Previews

White Background



This preview shows how the Yxy color 27.1735, 0.3206, 0.2084 looks on a white background.

Color Contrast Check

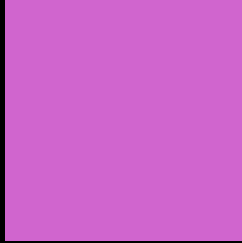
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1735, 0.3206, 0.2084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

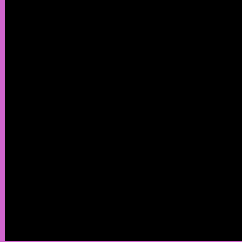
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1735, 0.3206, 0.2084

Background



This preview shows how black text looks on a background with the Yxy color 27.1735, 0.3206, 0.2084.

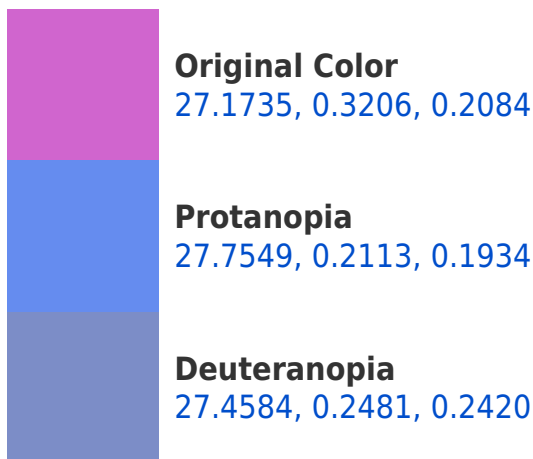


This preview shows how white text looks on a background with the Yxy color 27.1735, 0.3206, 0.2084.

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

27.1600, 0.3999, 0.3173

Trichromacy



Original Color

27.1735, 0.3206, 0.2084



Protanomaly

26.0432, 0.2395, 0.1941



Deuteranomaly

26.1545, 0.2703, 0.2234



Tritanomaly

26.8011, 0.3697, 0.2726

Monochromacy



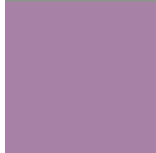
Original Color

27.1735, 0.3206, 0.2084



Achromatopsia

28.3149, 0.3127, 0.3290



Achromatomaly

26.8154, 0.3164, 0.2739

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1735, 0.3206, 0.2084 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, 101, 206)` looks like.

```
.text, #text, p{  
    color:rgb(208, 101, 206)  
}
```

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, 101, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 101, 206) }
```

Border

The CSS property to change the border of an element to Yxy 27.1735, 0.3206, 0.2084 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, 101, 206) }
```

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

```
.border{ border-color:rgb(208, 101, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 101, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 101, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 101, 206);  
box-shadow:4px 4px 4px 4px rgb(208, 101,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1735, 0.3206, 0.2084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 101, 206) }
```

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

```
.background{ background-color: rgb(208,  
101, 206) }
```

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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