

Converting Colors

$Y_{xy}(29.5916, 0.3185, 0.2195)$

Have a look what the booklet for
Yxy(29.5916, 0.3185, 0.2195)
contains.

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Color

Yxy(29.5806, 0.3179, 0.2192)

Conversions

Conversions Part 1

Format	Color
Hex	CF71CF
RGB	207, 113, 207
RGB Percent	81%, 44%, 81%
CMY	0.1882, 0.5569, 0.1883
CMYK	0.00, 0.45, 0.00, 0.19
HSL	300°, 49%, 63%
HSV	300°, 45%, 81%
XYZ	42.9000, 29.5806, 62.4674
YIQ	151.8220, 25.8500, 49.1620

Conversions

Conversions Part 2

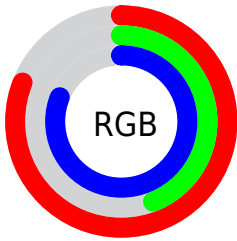
Format	Color
R _Y B	207, 113, 207
Decimal	13595087
CIE Lab	61.29, 50.39, -32.93
CIE LCh	61, 60.193, 326.838
Yxy	29.5806, 0.3179, 0.2192
Android (android.graphics.Color)	4291785167 (0xFFCF71CF)
YUV	151.8220, 27.2028, 48.3911
Hunter-Lab	54.3881, 45.6174, -30.0259

Details

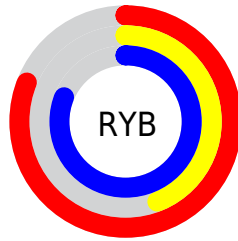
The Yxy color **29.5806, 0.3179, 0.2192** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **49.3353, 0.3061, 0.4703**, and the grayscale version is **31.1917, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1174, 0.3167, 0.2431**, and **12.0780, 0.3177, 0.1914** is the 20% darker color. If you saturate the color by 10%, you get **25.4774, 0.3189, 0.1989**, and if you desaturate by 10%, it is **34.7398, 0.3168, 0.2420**.

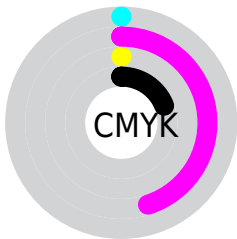
Distribution



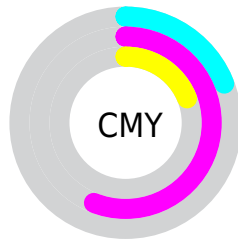
- Red (81%)
- Green (44%)
- Blue (81%)



- Red (81%)
- Yellow (44%)
- Blue (81%)



- Cyan (0%)
- Magenta (45%)
- Yellow (0%)
- Black (19%)




- Cyan (19%)
- Magenta (56%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5806, 0.3179, 0.2192 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 29.5806, 0.3179, 0.2192 by changing the saturation by 10% instead.

 29.5806, 0.3179,
0.2192


 29.5806, 0.3179,
0.2192


299.9446, 0.3172,
0.2725

 19.5205, 0.3175,
0.2066


 58.9983, 0.3181,
0.2381

 12.0470, 0.3166,
0.1908


 79.1246, 0.3180,
0.2453

 6.7757, 0.3149,
0.1708


 103.3752, 0.3179,
0.2515

 3.3222, 0.3113,
0.1445

132.1343, 0.3178,
0.2569

 1.3022, 0.3038,
0.1097

165.7864, 0.3176,
0.2615

 0.1429, 0.2973,
0.0287

204.7159, 0.3175,

 0.0000, 0.1966,

0.2656

0.0000

249.3072, 0.3173,
0.2692

0.0000, 0.0000,
0.0000

29.5806, 0.3179,
0.2192

29.5806, 0.3179,
0.2192

25.4774, 0.3189,
0.1989

34.7398, 0.3168,
0.2420

22.3537, 0.3197,
0.1819

41.0168, 0.3157,
0.2663

20.1290, 0.3203,
0.1689


48.4733, 0.3145,
0.2912


18.7084, 0.3207,
0.1602

57.1653, 0.3133,
0.3159


17.9757, 0.3209,
0.1555

67.1453, 0.3122,
0.3398

 17.7694, 0.3210,
0.1542

 78.4628, 0.3111,
0.3625

 89.2935, 0.3103,
0.3808

 89.2938, 0.3103,
0.3808

 89.2942, 0.3103,
0.3808

Harmonies

Analogous

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



29.5806, 0.2308, 0.1919



29.5806, 0.3179, 0.2192



29.5806, 0.4185, 0.2677

Triad

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



29.5806, 0.3179, 0.2192



29.5806, 0.4535, 0.4631



29.5806, 0.1621, 0.2889

Complementary

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



29.5806, 0.3179, 0.2192



49.3353, 0.3061, 0.4703

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.



29.5806, 0.2066, 0.3948



29.5806, 0.3179, 0.2192



29.5806, 0.3742, 0.5081

Square

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



29.5806, 0.3179, 0.2192



29.5806, 0.4998, 0.3964



29.5806, 0.2841, 0.4888



29.5806, 0.1530, 0.2200

Rectangle

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



29.5806, 0.3179, 0.2192



29.5806, 0.4721, 0.3078



29.5806, 0.2841, 0.4888



29.5806, 0.1728, 0.3213

Sweetspot

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



29.5819, 0.3179, 0.2192



79.2990, 0.3144, 0.2943



19.8272, 0.2275, 0.1881



16.3677, 0.3146, 0.2889



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.



29.5819, 0.3179, 0.2192



41.2697, 0.3188, 0.2003



27.6162, 0.3717, 0.2702



12.0090, 0.3138, 0.3061



11.1941, 0.3210, 0.1542



0.6259, 0.3210, 0.1542

Inverse Universe

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



29.5819, 0.3179, 0.2192



41.2697, 0.3188, 0.2003



50.6806, 0.2786, 0.3980



12.0090, 0.3138, 0.3061



11.1941, 0.3210, 0.1542



0.6259, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 29.5806, 0.3179, 0.2192 looks on a white background.

Color Contrast Check

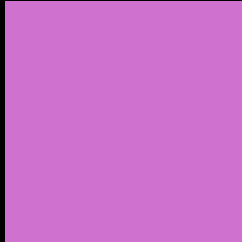
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5806, 0.3179, 0.2192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

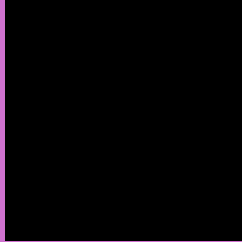
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5806, 0.3179, 0.2192

Background



This preview shows how black text looks on a background with the Yxy color 29.5806, 0.3179, 0.2192.



This preview shows how white text looks on a background with the Yxy color 29.5806, 0.3179, 0.2192.

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

29.5806, 0.3179, 0.2192

Protanopia

30.1431, 0.2231, 0.2089

Deuteranopia

29.7614, 0.2549, 0.2487



Tritanopia

29.5413, 0.3836, 0.3172

Trichromacy



Original Color

29.5806, 0.3179, 0.2192



Protanomaly

28.7279, 0.2492, 0.2094



Deuteranomaly

28.8356, 0.2750, 0.2346



Tritanomaly

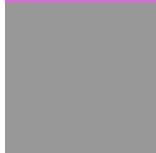
29.2278, 0.3588, 0.2775

Monochromacy



Original Color

29.5806, 0.3179, 0.2192



Achromatopsia

31.3989, 0.3127, 0.3290



Achromatomaly

29.9262, 0.3150, 0.2810

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5806, 0.3179, 0.2192 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(207, 113, 207)` looks like.

```
.text, #text, p{  
    color:rgb(207, 113, 207)  
}
```

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(207, 113, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 113, 207) }
```

Border

The CSS property to change the border of an element to Yxy 29.5806, 0.3179, 0.2192 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(207, 113, 207) }
```

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

```
.border{ border-color:rgb(207, 113, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 113, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 113, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 113, 207);  
box-shadow:4px 4px 4px 4px rgb(207, 113,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5806, 0.3179, 0.2192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 113, 207) }
```

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

```
.background{ background-color: rgb(207,  
113, 207) }
```

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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