

Converting Colors

Yxy(31.9812, 0.2429, 0.1364)

Have a look what the booklet for
Yxy(31.9812, 0.2429, 0.1364)
contains.

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Color

Yxy(28.4586, 0.2757, 0.1635)

Conversions

Conversions Part 1

Format	Color
Hex	D05DFF
RGB	208, 93, 255
RGB Percent	82%, 36%, 100%
CMY	0.1842, 0.6354, 0.0000
CMYK	0.18, 0.64, 0.00, 0.00
HSL	283°, 100%, 68%
HSV	283°, 64%, 100%
XYZ	47.9880, 28.4586, 97.6121
YIQ	145.8530, 16.5380, 74.7620

Conversions

Conversions Part 2

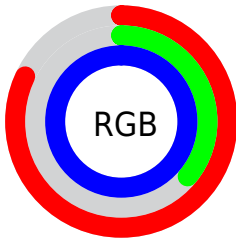
Format	Color
R _Y B	208, 93, 255
Decimal	13655551
CIE Lab	60.30, 69.26, -61.29
CIE LCh	60, 92.484, 318.491
Yxy	28.4586, 0.2757, 0.1635
Android (android.graphics.Color)	4291845631 (0xFFD05DFF)
YUV	145.8530, 53.8095, 54.5029
Hunter-Lab	53.3466, 67.2133, -71.1446

Details

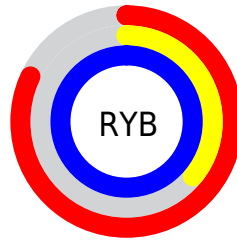
The Yxy color **28.4586, 0.2757, 0.1635** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **77.8800, 0.3252, 0.5218**, and the grayscale version is **28.4468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9749, 0.3175, 0.2266**, and **11.4008, 0.2604, 0.1293** is the 20% darker color. If you saturate the color by 10%, you get **23.6569, 0.2678, 0.1437**, and if you desaturate by 10%, it is **34.7977, 0.2834, 0.1870**.

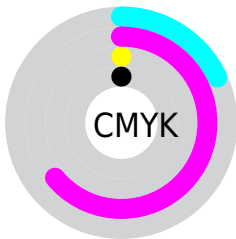
Distribution



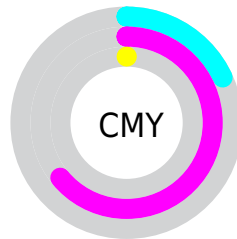
- Red (82%)
- Green (36%)
- Blue (100%)



- Red (82%)
- Yellow (36%)
- Blue (100%)



- Cyan (18%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (64%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4586, 0.2757, 0.1635 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 28.4586, 0.2757, 0.1635 by changing the saturation by 10% instead.


 28.4586, 0.2757,
0.1635


 28.4586, 0.2757,
0.1635


294.6518, 0.2984,
0.2381


 18.6716, 0.2692,
0.1477


 57.2158, 0.2847,
0.1885

 11.4333, 0.2606,
0.1291


 76.9548, 0.2878,
0.1985

 6.3590, 0.2488,
0.1071


 100.7800, 0.2904,
0.2073

 3.0646, 0.2321,
0.0813

 129.0757, 0.2926,
0.2149

 1.1656, 0.2077,
0.0523

162.2263, 0.2944,
0.2217

 0.0333, 0.1747,
0.0028

200.6163, 0.2959,


 0.0000, 0.1159,


0.2278


0.0000

244.6300, 0.2973,
0.2332


 0.0000, 0.0000,
0.0000


 28.4586, 0.2757,
0.1635


 28.4586, 0.2757,
0.1635


 23.6569, 0.2678,
0.1437


 34.7977, 0.2834,
0.1870


 20.2428, 0.2598,
0.1285

 42.8145, 0.2905,
0.2130

 18.0248, 0.2521,
0.1182

 52.6266, 0.2969,
0.2403

 17.0529, 0.2473,
0.1136

 64.3426, 0.3026,
0.2678

 78.0622, 0.3074,
0.2947

 93.8779, 0.3115,
0.3203

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



28.4586, 0.1689, 0.1376



28.4586, 0.2757, 0.1635



28.4586, 0.4300, 0.2180

Triad

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



28.4586, 0.2757, 0.1635



28.4586, 0.5202, 0.4646



28.4586, 0.1113, 0.2971

Complementary

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



28.4586, 0.2757, 0.1635



77.8800, 0.3252, 0.5218

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.



28.4586, 0.1760, 0.4870



28.4586, 0.2757, 0.1635



28.4586, 0.4084, 0.5687

Square

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



28.4586, 0.2757, 0.1635



28.4586, 0.5872, 0.3700



28.4586, 0.2863, 0.6122



28.4586, 0.0951, 0.1857

Rectangle

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



28.4586, 0.2757, 0.1635



28.4586, 0.5266, 0.2654



28.4586, 0.2863, 0.6122



28.4586, 0.1267, 0.3544

Sweetspot

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



28.4566, 0.2757, 0.1635



70.3206, 0.3049, 0.2802



28.7657, 0.2018, 0.1805



14.2354, 0.3034, 0.2724



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.



28.4566, 0.2757, 0.1635



22.6961, 0.2658, 0.1395



34.3886, 0.3521, 0.2073



18.0204, 0.3091, 0.3052



8.9907, 0.2485, 0.1143



0.9313, 0.2570, 0.1189

Inverse Universe

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



30.9745, 0.4577, 0.2842



25.9122, 0.5040, 0.2829



75.3356, 0.2912, 0.4986



18.0737, 0.3248, 0.3221



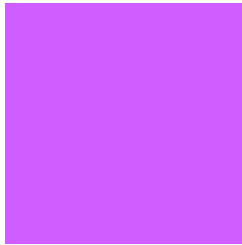
11.3889, 0.5804, 0.2971



1.1269, 0.5484, 0.2795

Previews

White Background



This preview shows how the Yxy color 28.4586, 0.2757, 0.1635 looks on a white background.

Color Contrast Check

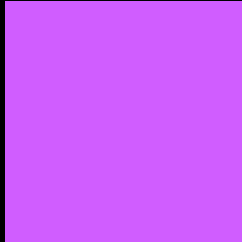
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4586, 0.2757, 0.1635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

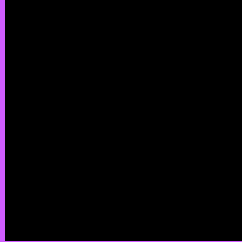
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4586, 0.2757, 0.1635

Background



This preview shows how black text looks on a background with the Yxy color 28.4586, 0.2757, 0.1635.



This preview shows how white text looks on a background with the Yxy color 28.4586, 0.2757, 0.1635.

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

28.4586, 0.2757, 0.1635

Protanopia

28.8413, 0.2015, 0.1809

Deuteranopia

28.9965, 0.2002, 0.1942



Tritanopia

28.2205, 0.3748, 0.3154

Trichromacy



Original Color

28.4586, 0.2757, 0.1635



Protanomaly

26.7036, 0.2197, 0.1672



Deuteranomaly

26.3034, 0.2167, 0.1727



Tritanomaly

27.4680, 0.3348, 0.2452

Monochromacy



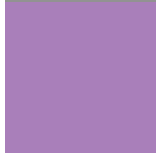
Original Color

28.4586, 0.2757, 0.1635



Achromatopsia

28.7441, 0.3127, 0.3290



Achromatomaly

27.1589, 0.2985, 0.2470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4586, 0.2757, 0.1635 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, 93, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 93, 255)  
}
```

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, 93, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 93, 255) }
```

Border

The CSS property to change the border of an element to Yxy 28.4586, 0.2757, 0.1635 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, 93, 255) }
```

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

```
.border{ border-color:rgb(208, 93, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 93, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 93, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 93, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 93,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4586, 0.2757, 0.1635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 93, 255) }
```

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

```
.background{ background-color: rgb(208, 93,  
255) }
```

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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