

Converting Colors

$Yxy(66.1989, 0.2796, 0.2804)$

Have a look what the booklet for
Yxy(66.1989, 0.2796, 0.2804)
contains.

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Color

Yxy(66.1506, 0.2796, 0.2802)

Conversions

Conversions Part 1

Format	Color
Hex	CCD2FF
RGB	204, 210, 255
RGB Percent	80%, 82%, 100%
CMY	0.1999, 0.1765, 0.0000
CMYK	0.20, 0.18, 0.00, 0.00
HSL	233°, 100%, 90%
HSV	233°, 20%, 100%
XYZ	66.0089, 66.1506, 103.9240
YIQ	213.3360, -18.0210, 12.7230

Conversions

Conversions Part 2

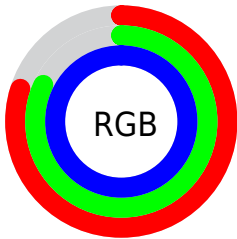
Format	Color
R _Y B	204, 209, 255
Decimal	13423359
CIE Lab	85.07, 7.12, -22.65
CIE LCh	85, 23.746, 287.456
Yxy	66.1506, 0.2796, 0.2802
Android (android.graphics.Color)	4291613439 (0xFFCCD2FF)
YUV	213.3360, 20.5404, -8.1877
Hunter-Lab	81.3330, 2.5358, -18.8252

Details

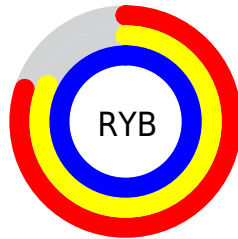
The Yxy color **66.1506, 0.2796, 0.2802** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.3990, 0.3440, 0.3735**, and the grayscale version is **66.6479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.2437, 0.2716, 0.2698** is the 20% darker color. If you saturate the color by 10%, you get **52.4896, 0.2606, 0.2514**, and if you desaturate by 10%, it is **81.9672, 0.2971, 0.3061**.

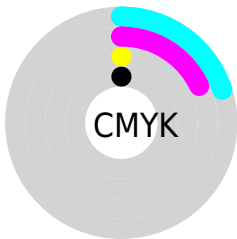
Distribution



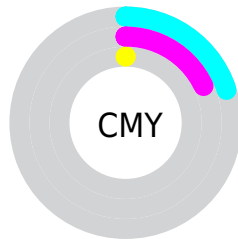
- Red (80%)
- Green (82%)
- Blue (100%)



- Red (80%)
- Yellow (82%)
- Blue (100%)



- Cyan (20%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1506, 0.2796, 0.2802 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 66.1506, 0.2796, 0.2802 by changing the saturation by 10% instead.

■ 66.1506, 0.2796,
0.2802

■ 66.1506, 0.2796,
0.2802

446.9153, 0.2951,
0.3026

■ 48.3947, 0.2760,
0.2751

113.7025, 0.2850,
0.2879

■ 34.1395, 0.2716,
0.2689

144.2672, 0.2871,
0.2909

■ 23.0008, 0.2659,
0.2611

179.8703, 0.2889,
0.2936

■ 14.5941, 0.2585,
0.2510

220.8961, 0.2905,
0.2958

■ 8.5350, 0.2484,
0.2376

267.7292, 0.2919,
0.2978

■ 4.4392, 0.2339,
0.2187

320.7538, 0.2931,

■ 1.9221, 0.2116,

0.2996

0.1906

380.3544, 0.2942,
0.3012

0.5616, 0.1742,
0.1382

0.0000, 0.0000,
0.0000

66.1506, 0.2796,
0.2802

66.1506, 0.2796,
0.2802

52.4896, 0.2606,
0.2514

81.9672, 0.2971,
0.3061

40.8889, 0.2404,
0.2202

100.0000, 0.3127,
0.3290

31.2484, 0.2198,
0.1876

23.4591, 0.1999,
0.1551

■ 17.4010, 0.1821,
0.1248

■ 12.9400, 0.1676,
0.0989

■ 9.9214, 0.1575,
0.0793

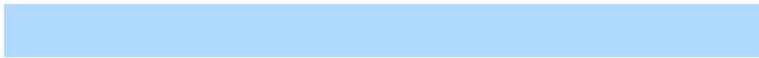
■ 8.1405, 0.1519,
0.0668

■ 8.1388, 0.1519,
0.0668

Harmonies

Analogous

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



66.1506, 0.2620, 0.2857



66.1506, 0.2796, 0.2802



66.1506, 0.3067, 0.2867

Triad

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



66.1506, 0.2796, 0.2802



66.1506, 0.3715, 0.3506



66.1506, 0.2879, 0.3569

Complementary

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



66.1506, 0.2796, 0.2802



93.3990, 0.3440, 0.3735

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.



66.1506, 0.3165, 0.3766



66.1506, 0.2796, 0.2802



66.1506, 0.3655, 0.3712

Square

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



66.1506, 0.2796, 0.2802



66.1506, 0.3608, 0.3260



66.1506, 0.3451, 0.3814



66.1506, 0.2666, 0.3292

Rectangle

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



66.1506, 0.2796, 0.2802



66.1506, 0.3268, 0.2967



66.1506, 0.3451, 0.3814



66.1506, 0.2970, 0.3648

Sweetspot

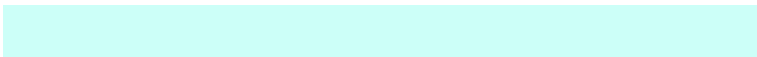
The Sweet Spot groups the original color and five complimentary colors.



66.1512, 0.2796, 0.2802



88.8929, 0.3035, 0.3156



91.1522, 0.2862, 0.3360



18.7786, 0.3025, 0.3141



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.



66.1512, 0.2796, 0.2802



60.4145, 0.2722, 0.2690



66.0657, 0.2920, 0.2756



17.7196, 0.2979, 0.3073



4.3601, 0.1523, 0.0683



0.5291, 0.1563, 0.0828

Inverse Universe

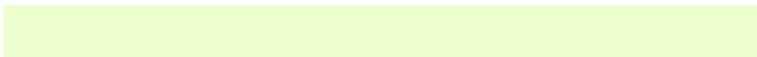
The Inverse Universe completely reimagines the original color for something new.



69.1147, 0.3481, 0.3230



63.9695, 0.3572, 0.3217



93.7677, 0.3306, 0.3810



18.0216, 0.3276, 0.3263



11.1681, 0.6261, 0.3223



1.0980, 0.6025, 0.3093

Previews

White Background



This preview shows how the Yxy color 66.1506, 0.2796, 0.2802 looks on a white background.

Color Contrast Check

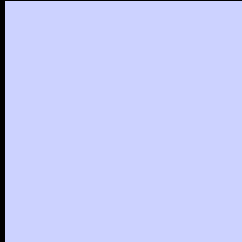
Large Text (above 18pt) WCAG AA × Fail

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 66.1506, 0.2796, 0.2802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

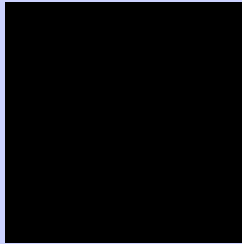
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1506, 0.2796, 0.2802

Background



This preview shows how black text looks on a background with the Yxy color 66.1506, 0.2796, 0.2802.



This preview shows how white text looks on a background with the Yxy color 66.1506, 0.2796, 0.2802.

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

66.1506, 0.2796, 0.2802

Protanopia

66.0097, 0.2789, 0.2802

Deuteranopia

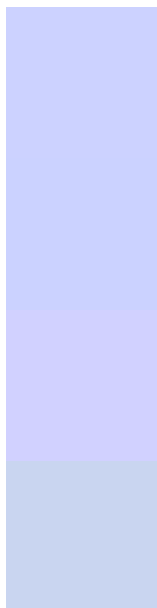
66.3288, 0.2848, 0.2788



Tritanopia

66.1420, 0.2917, 0.3098

Trichromacy



Original Color

66.1506, 0.2796, 0.2802

Protanomaly

66.0097, 0.2789, 0.2802

Deuteranomaly

66.3762, 0.2828, 0.2796

Tritanomaly

66.2973, 0.2868, 0.2989

Monochromacy



Original Color

66.1506, 0.2796, 0.2802

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.3900, 0.3006, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1506, 0.2796, 0.2802 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, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 210, 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(204, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 210, 255) }
```

Border

The CSS property to change the border of an element to Yxy 66.1506, 0.2796, 0.2802 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, 210, 255) }
```

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

```
.border{ border-color:rgb(204, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 210,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1506, 0.2796, 0.2802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 210, 255) }
```

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

```
.background{ background-color: rgb(204,  
210, 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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