

Converting Colors

$Yxy(66.0253, 0.2810, 0.2810)$

Have a look what the booklet for
Yxy(66.0253, 0.2810, 0.2810)
contains.

Yxy(66.2281, 0.2808, 0.2813)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.2281, 0.2808, 0.2813)

Conversions

Conversions Part 1

Format	Color
Hex	CDD2FE
RGB	205, 210, 254
RGB Percent	80%, 82%, 100%
CMY	0.1962, 0.1764, 0.0038
CMYK	0.19, 0.17, 0.00, 0.00
HSL	234°, 96%, 90%
HSV	234°, 19%, 100%
XYZ	66.1104, 66.2281, 103.0974
YIQ	213.5210, -17.1040, 12.6240

Conversions

Conversions Part 2

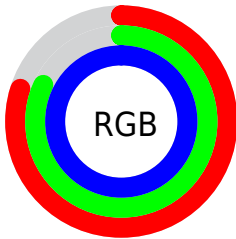
Format	Color
R _Y B	205, 210, 254
Decimal	13488894
CIE Lab	85.11, 7.18, -22.06
CIE LCh	85, 23.200, 288.028
Yxy	66.2281, 0.2808, 0.2813
Android (android.graphics.Color)	4291678974 (0xFFCDD2FE)
YUV	213.5210, 19.9561, -7.4729
Hunter-Lab	81.3806, 2.5901, -18.1453

Details

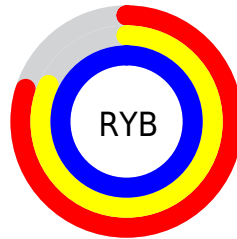
The Yxy color **66.2281, 0.2808, 0.2813** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.2337, 0.3428, 0.3726**, and the grayscale version is **66.7783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.2922, 0.2732, 0.2712** is the 20% darker color. If you saturate the color by 10%, you get **52.4419, 0.2618, 0.2522**, and if you desaturate by 10%, it is **82.2091, 0.2982, 0.3074**.

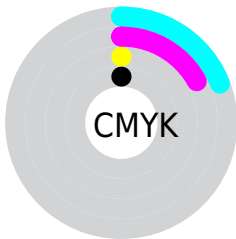
Distribution



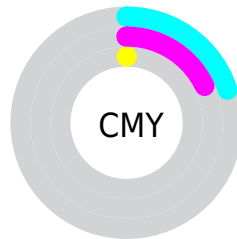
- Red (80%)
- Green (82%)
- Blue (100%)



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



- Cyan (19%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.2281, 0.2808, 0.2813 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 66.2281, 0.2808, 0.2813 by changing the saturation by 10% instead.

■ 66.2281, 0.2808,
0.2813

■ 66.2281, 0.2808,
0.2813

447.1922, 0.2958,
0.3032

■ 48.4576, 0.2773,
0.2764

113.8137, 0.2860,
0.2889

■ 34.1894, 0.2730,
0.2703

144.3975, 0.2881,
0.2918

■ 23.0391, 0.2676,
0.2626

180.0212, 0.2898,
0.2944

■ 14.6224, 0.2604,
0.2528

221.0693, 0.2913,
0.2966

■ 8.5548, 0.2507,
0.2395

267.9260, 0.2926,
0.2985

■ 4.4520, 0.2366,
0.2210

320.9758, 0.2938,

■ 1.9295, 0.2149,

0.3003

0.1934

380.6031, 0.2949,
0.3018

0.5660, 0.1784,
0.1415

0.0000, 0.0000,
0.0000

66.2281, 0.2808,
0.2813

66.2281, 0.2808,
0.2813

52.4419, 0.2618,
0.2522

82.2091, 0.2982,
0.3074

40.7468, 0.2415,
0.2207

99.9383, 0.3133,
0.3299

31.0425, 0.2208,
0.1876

23.2177, 0.2007,
0.1548

■ 17.1496, 0.1826,
0.1241

■ 12.7010, 0.1678,
0.0980

■ 9.7138, 0.1575,
0.0784

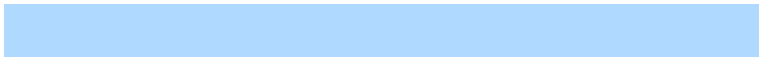
■ 7.9842, 0.1518,
0.0662

■ 7.9019, 0.1516,
0.0656

Harmonies

Analogous

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



66.2281, 0.2633, 0.2864



66.2281, 0.2808, 0.2813



66.2281, 0.3074, 0.2879

Triad

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



66.2281, 0.2808, 0.2813



66.2281, 0.3701, 0.3506



66.2281, 0.2880, 0.3558

Complementary

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



66.2281, 0.2808, 0.2813



93.2337, 0.3428, 0.3726

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.



66.2281, 0.3159, 0.3752



66.2281, 0.2808, 0.2813



66.2281, 0.3640, 0.3705

Square

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



66.2281, 0.2808, 0.2813



66.2281, 0.3600, 0.3266



66.2281, 0.3438, 0.3803



66.2281, 0.2673, 0.3287

Rectangle

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



66.2281, 0.2808, 0.2813



66.2281, 0.3271, 0.2978



66.2281, 0.3438, 0.3803



66.2281, 0.2969, 0.3635

Sweetspot

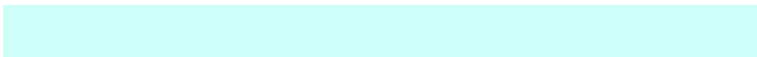
The Sweet Spot groups the original color and five complimentary colors.



66.2308, 0.2808, 0.2813



88.7648, 0.3035, 0.3154



90.6803, 0.2866, 0.3349



18.7484, 0.3025, 0.3139



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.



66.2308, 0.2808, 0.2813



61.4213, 0.2740, 0.2709



66.6168, 0.2933, 0.2776



17.6780, 0.2979, 0.3070



4.2609, 0.1519, 0.0669



0.5096, 0.1556, 0.0801

Inverse Universe

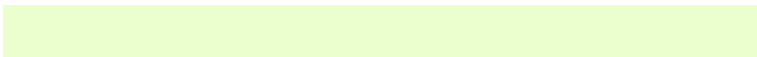
The Inverse Universe completely reimagines the original color for something new.



69.3786, 0.3471, 0.3239



65.1801, 0.3555, 0.3229



93.0163, 0.3295, 0.3793



18.0174, 0.3278, 0.3266



11.1581, 0.6284, 0.3235



1.0960, 0.6067, 0.3116

Previews

White Background



This preview shows how the Yxy color 66.2281, 0.2808, 0.2813 looks on a white background.

Color Contrast Check

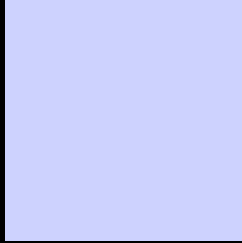
Large Text (above 18pt) WCAG AA × Fail

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 66.2281, 0.2808, 0.2813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

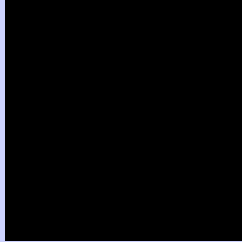
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.2281, 0.2808, 0.2813

Background



This preview shows how black text looks on a background with the Yxy color 66.2281, 0.2808, 0.2813.



This preview shows how white text looks on a background with the Yxy color 66.2281, 0.2808, 0.2813.

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

66.2281, 0.2808, 0.2813

Protanopia

66.4408, 0.2796, 0.2823

Deuteranopia

66.3288, 0.2848, 0.2788



Tritanopia

66.2802, 0.2924, 0.3098

Trichromacy



Original Color

66.2281, 0.2808, 0.2813

Protanomaly

66.5817, 0.2803, 0.2824

Deuteranomaly

66.3762, 0.2828, 0.2796

Tritanomaly

66.3771, 0.2881, 0.3000

Monochromacy



Original Color

66.2281, 0.2808, 0.2813

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.0945, 0.3006, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2281, 0.2808, 0.2813 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(205, 210, 254)` looks like.

```
.text, #text, p{  
    color:rgb(205, 210, 254)  
}
```

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(205, 210, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 210, 254) }
```

Border

The CSS property to change the border of an element to Yxy 66.2281, 0.2808, 0.2813 is called "border". The border property can be set on classes, ids or directly on the HTML element.

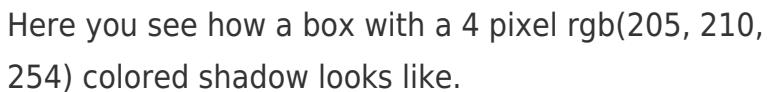
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 210, 254) }
```

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

```
.border{ border-color:rgb(205, 210, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 210, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 210, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 210, 254); box-shadow:4px 4px 4px 4px rgb(205, 210, 254) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2281, 0.2808, 0.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 210, 254) }
```

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

```
.background{ background-color: rgb(205,  
210, 254) }
```

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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