

Converting Colors

$Yxy(61.3291, 0.2759, 0.2780)$

Have a look what the booklet for
Yxy(61.3291, 0.2759, 0.2780)
contains.

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Color

Yxy(61.4946, 0.2761, 0.2786)

Conversions

Conversions Part 1

Format	Color
Hex	C2CCF9
RGB	194, 204, 249
RGB Percent	76%, 80%, 98%
CMY	0.2392, 0.2000, 0.0235
CMYK	0.22, 0.18, 0.00, 0.02
HSL	229°, 82%, 87%
HSV	229°, 22%, 98%
XYZ	60.9428, 61.4946, 98.2898
YIQ	206.1400, -20.4050, 11.8750

Conversions

Conversions Part 2

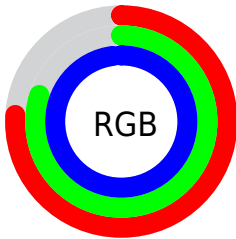
Format	Color
R _Y B	194, 202, 249
Decimal	12766457
CIE Lab	82.64, 5.96, -23.22
CIE LCh	83, 23.970, 284.406
Yxy	61.4946, 0.2761, 0.2786
Android (android.graphics.Color)	4290956537 (0xFFC2CCF9)
YUV	206.1400, 21.1300, -10.6468
Hunter-Lab	78.4185, 1.4886, -19.4212

Details

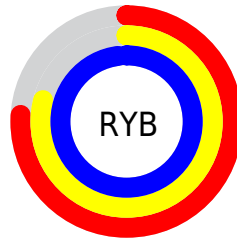
The Yxy color $61.4946, 0.2761, 0.2786$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $85.7840, 0.3482, 0.3748$, and the grayscale version is $61.6903, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.2492, 0.3102, 0.3290$, and $31.1939, 0.2677, 0.2674$ is the 20% darker color. If you saturate the color by 10%, you get $49.4117, 0.2573, 0.2515$, and if you desaturate by 10%, it is $75.4020, 0.2936, 0.3031$.

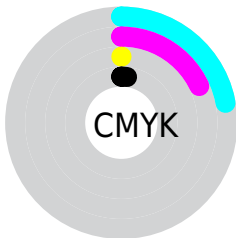
Distribution



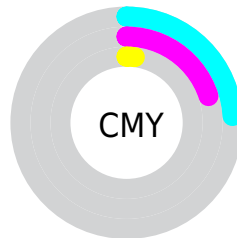
- Red (76%)
- Green (80%)
- Blue (98%)



- Red (76%)
- Yellow (79%)
- Blue (98%)



- Cyan (22%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4946, 0.2761, 0.2786 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 61.4946, 0.2761, 0.2786 by changing the saturation by 10% instead.

■ 61.4946, 0.2761,
0.2786

■ 61.4946, 0.2761,
0.2786

430.0852, 0.2935,
0.3021

■ 44.6244, 0.2721,
0.2732

■ 106.9948, 0.2822,
0.2868

■ 31.1617, 0.2670,
0.2666

136.3935, 0.2845,
0.2899

■ 20.7220, 0.2606,
0.2582

170.7373, 0.2866,
0.2926

■ 12.9210, 0.2521,
0.2473

210.4105, 0.2883,
0.2950

■ 7.3741, 0.2404,
0.2325

255.7975, 0.2898,
0.2971

■ 3.6972, 0.2235,
0.2116

307.2827, 0.2912,

■ 1.5056, 0.1971,

0.2989

0.1800

365.2504, 0.2924,
0.3006

0.2927, 0.1401,
0.0967

0.0000, 0.0000,
0.0000

61.4946, 0.2761,
0.2786

61.4946, 0.2761,
0.2786

49.4117, 0.2573,
0.2515

75.4020, 0.2936,
0.3031

39.0694, 0.2376,
0.2222

91.1982, 0.3096,
0.3248

30.3885, 0.2178,
0.1916

99.6204, 0.3162,
0.3347

23.2805, 0.1989,
0.1609

■ 17.6482, 0.1821,
0.1319

■ 13.3832, 0.1684,
0.1065

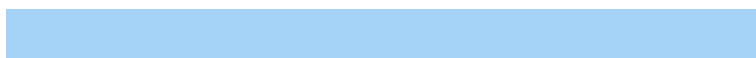
■ 10.3611, 0.1588,
0.0863

■ 8.7347, 0.1541,
0.0746

Harmonies

Analogous

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



61.4946, 0.2592, 0.2855



61.4946, 0.2761, 0.2786



61.4946, 0.3033, 0.2841

Triad

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



61.4946, 0.2761, 0.2786



61.4946, 0.3732, 0.3487



61.4946, 0.2898, 0.3605

Complementary

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



61.4946, 0.2761, 0.2786



85.7840, 0.3482, 0.3748

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.



61.4946, 0.3198, 0.3796



61.4946, 0.2761, 0.2786



61.4946, 0.3687, 0.3708

Square

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



61.4946, 0.2761, 0.2786



61.4946, 0.3604, 0.3233



61.4946, 0.3488, 0.3828



61.4946, 0.2668, 0.3322

Rectangle

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



61.4946, 0.2761, 0.2786



61.4946, 0.3241, 0.2939



61.4946, 0.3488, 0.3828



61.4946, 0.2994, 0.3684

Sweetspot

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



61.4971, 0.2761, 0.2786



87.8017, 0.3019, 0.3145



85.4580, 0.2851, 0.3398



18.5781, 0.3010, 0.3131



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.



61.4971, 0.2761, 0.2786



58.3663, 0.2669, 0.2655



59.3407, 0.2875, 0.2692



17.1528, 0.2979, 0.3090



4.8209, 0.1546, 0.0766



0.5811, 0.1600, 0.0960

Inverse Universe

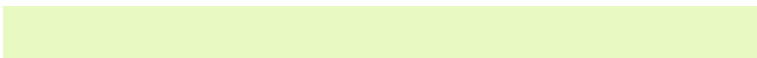
The Inverse Universe completely reimagines the original color for something new.



63.0900, 0.3498, 0.3186



60.5486, 0.3608, 0.3162



88.7431, 0.3343, 0.3864



17.2767, 0.3265, 0.3247



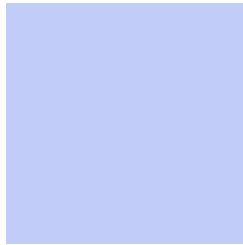
10.8976, 0.6125, 0.3148



1.0229, 0.5820, 0.2980

Previews

White Background



This preview shows how the Yxy color 61.4946, 0.2761, 0.2786 looks on a white background.

Color Contrast Check

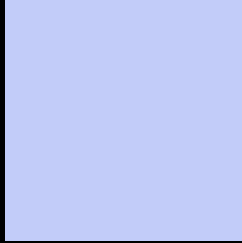
Large Text (above 18pt) WCAG AA × Fail

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 61.4946, 0.2761, 0.2786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

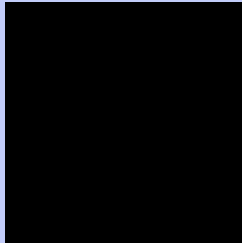
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4946, 0.2761, 0.2786

Background



This preview shows how black text looks on a background with the Yxy color 61.4946, 0.2761, 0.2786.



This preview shows how white text looks on a background with the Yxy color 61.4946, 0.2761, 0.2786.

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

61.4946, 0.2761, 0.2786

Protanopia

61.7610, 0.2774, 0.2788

Deuteranopia

61.3719, 0.2813, 0.2751



Tritanopia

61.3668, 0.2877, 0.3090

Trichromacy



Original Color

61.4946, 0.2761, 0.2786

Protanomaly

61.6274, 0.2768, 0.2787

Deuteranomaly

61.4225, 0.2794, 0.2759

Tritanomaly

61.6425, 0.2834, 0.2979

Monochromacy



Original Color

61.4946, 0.2761, 0.2786

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.4931, 0.2988, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4946, 0.2761, 0.2786 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(194, 204, 249)` looks like.

```
.text, #text, p{  
    color:rgb(194, 204, 249)  
}
```

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(194, 204, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 204, 249) }
```

Border

The CSS property to change the border of an element to Yxy 61.4946, 0.2761, 0.2786 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(194, 204, 249) }
```

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

```
.border{ border-color:rgb(194, 204, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 204, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 204, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 204, 249);  
box-shadow:4px 4px 4px 4px rgb(194, 204,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4946, 0.2761, 0.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 204, 249) }
```

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

```
.background{ background-color: rgb(194,  
204, 249) }
```

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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