

Converting Colors

$Yxy(60.0965, 0.2795, 0.2729)$

Have a look what the booklet for
Yxy(60.0965, 0.2795, 0.2729)
contains.

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Color

Yxy(60.0283, 0.2791, 0.2725)

Conversions

Conversions Part 1

Format	Color
Hex	C8C7FA
RGB	200, 199, 250
RGB Percent	78%, 78%, 98%
CMY	0.2160, 0.2195, 0.0197
CMYK	0.20, 0.20, 0.00, 0.02
HSL	241°, 84%, 88%
HSV	241°, 20%, 98%
XYZ	61.4822, 60.0283, 98.7768
YIQ	205.1130, -15.7750, 16.0730

Conversions

Conversions Part 2

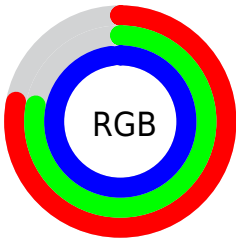
Format	Color
R _{YB}	200, 199, 250
Decimal	13158394
CIE _{Lab}	81.85, 10.64, -24.90
CIE _{LCh}	82, 27.075, 293.137
Yxy	60.0283, 0.2791, 0.2725
Android (android.graphics.Color)	4291348474 (0xFFC8C7FA)
YUV	205.1130, 22.1293, -4.4841
Hunter-Lab	77.4779, 6.0613, -21.3544

Details

The Yxy color **60.0283, 0.2791, 0.2725** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.6429, 0.3429, 0.3801**, and the grayscale version is **60.9855, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.1208, 0.2706, 0.2593** is the 20% darker color. If you saturate the color by 10%, you get **46.3421, 0.2596, 0.2398**, and if you desaturate by 10%, it is **76.1519, 0.2967, 0.3020**.

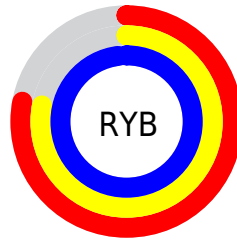
Distribution



Red (78%)

Green (78%)

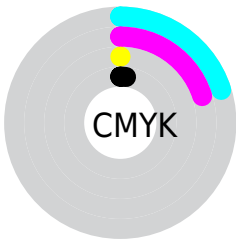
Blue (98%)



Red (78%)

Yellow (78%)

Blue (98%)

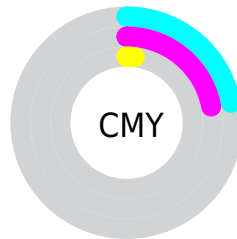


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (2%)



Cyan (22%)

Magenta (22%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0283, 0.2791, 0.2725 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 60.0283, 0.2791, 0.2725 by changing the saturation by 10% instead.

■ 60.0283, 0.2791,
0.2725

■ 60.0283, 0.2791,
0.2725

424.7021, 0.2952,
0.2987

■ 43.4414, 0.2753,
0.2665

104.8707, 0.2848,
0.2816

■ 30.2316, 0.2706,
0.2592

133.8951, 0.2870,
0.2851

■ 20.0145, 0.2645,
0.2500

167.8341, 0.2888,
0.2881

■ 12.4056, 0.2564,
0.2380

207.0720, 0.2905,
0.2908

■ 7.0205, 0.2452,
0.2219

251.9934, 0.2919,
0.2931

■ 3.4749, 0.2289,
0.1992

302.9827, 0.2931,

■ 1.3844, 0.2031,

0.2952

0.1656

360.4241, 0.2942,
0.2970

0.2052, 0.1511,
0.0682

0.0000, 0.0000,
0.0000

60.0283, 0.2791,
0.2725

60.0283, 0.2791,
0.2725

46.3421, 0.2596,
0.2398

76.1519, 0.2967,
0.3020

34.9679, 0.2386,
0.2048

94.8155, 0.3122,
0.3281

25.7803, 0.2170,
0.1690

99.6813, 0.3156,
0.3338

18.6391, 0.1963,
0.1347

■ 13.3876, 0.1780,
0.1046

■ 9.8470, 0.1637,
0.0814

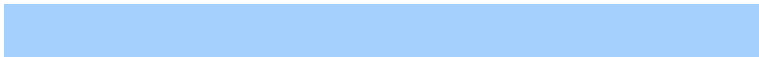
■ 7.8036, 0.1546,
0.0668

■ 6.9299, 0.1504,
0.0602

Harmonies

Analogous

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



60.0283, 0.2562, 0.2758



60.0283, 0.2791, 0.2725



60.0283, 0.3121, 0.2826

Triad

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



60.0283, 0.2791, 0.2725



60.0283, 0.3822, 0.3590



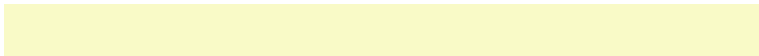
60.0283, 0.2779, 0.3562

Complementary

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



60.0283, 0.2791, 0.2725



92.6429, 0.3429, 0.3801

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.



60.0283, 0.3103, 0.3824



60.0283, 0.2791, 0.2725



60.0283, 0.3713, 0.3818

Square

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



60.0283, 0.2791, 0.2725



60.0283, 0.3733, 0.3306



60.0283, 0.3446, 0.3914



60.0283, 0.2555, 0.3226

Rectangle

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



60.0283, 0.2791, 0.2725



60.0283, 0.3358, 0.2954



60.0283, 0.3446, 0.3914



60.0283, 0.2879, 0.3664

Sweetspot

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



60.0307, 0.2791, 0.2725



87.8839, 0.3037, 0.3138



86.8836, 0.2821, 0.3280



18.5412, 0.3027, 0.3121



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.



60.0307, 0.2791, 0.2725



57.3014, 0.2722, 0.2609



63.8258, 0.2970, 0.2754



16.6577, 0.2981, 0.3045



3.6827, 0.1505, 0.0603



0.3461, 0.1519, 0.0610

Inverse Universe

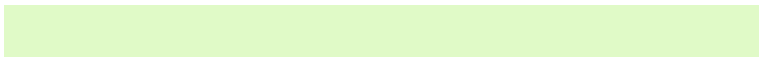
The Inverse Universe completely reimagines the original color for something new.



68.0258, 0.3157, 0.2791



66.9049, 0.3163, 0.2701



88.2805, 0.3259, 0.3829



17.5190, 0.3141, 0.3060



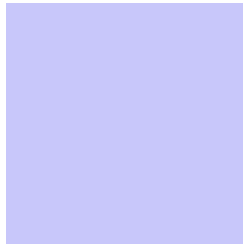
14.2982, 0.3254, 0.1566



1.3259, 0.3248, 0.1563

Previews

White Background



This preview shows how the Yxy color 60.0283, 0.2791, 0.2725 looks on a white background.

Color Contrast Check

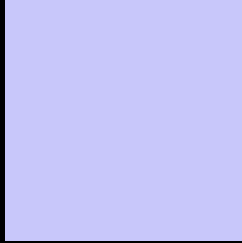
Large Text (above 18pt) WCAG AA × Fail

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 60.0283, 0.2791, 0.2725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

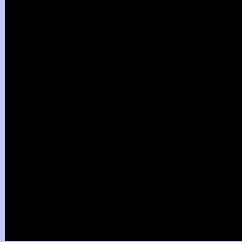
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0283, 0.2791, 0.2725

Background



This preview shows how black text looks on a background with the Yxy color 60.0283, 0.2791, 0.2725.



This preview shows how white text looks on a background with the Yxy color 60.0283, 0.2791, 0.2725.

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

60.0283, 0.2791, 0.2725

Protanopia

60.0080, 0.2727, 0.2719

Deuteranopia

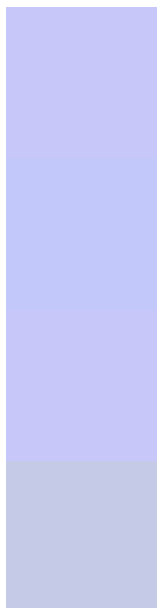
60.0283, 0.2791, 0.2725



Tritanopia

59.9551, 0.2950, 0.3102

Trichromacy



Original Color

60.0283, 0.2791, 0.2725

Protanomaly

59.8757, 0.2752, 0.2721

Deuteranomaly

60.0283, 0.2791, 0.2725

Tritanomaly

59.8809, 0.2892, 0.2957

Monochromacy



Original Color

60.0283, 0.2791, 0.2725

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.6288, 0.3002, 0.3083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0283, 0.2791, 0.2725 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(200, 199, 250)` looks like.

```
.text, #text, p{  
    color:rgb(200, 199, 250)  
}
```

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(200, 199, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 199, 250) }
```

Border

The CSS property to change the border of an element to Yxy 60.0283, 0.2791, 0.2725 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(200, 199, 250) }
```

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

```
.border{ border-color:rgb(200, 199, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 199, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 199, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 199, 250);  
box-shadow:4px 4px 4px 4px rgb(200, 199,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0283, 0.2791, 0.2725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 199, 250) }
```

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

```
.background{ background-color: rgb(200,  
199, 250) }
```

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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