

Converting Colors

$Y_{xy}(58.3020, 0.2725, 0.2635)$

Have a look what the booklet for
Yxy(58.3020, 0.2725, 0.2635)
contains.

Yxy(58.3020, 0.2725, 0.2635)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.3020, 0.2725, 0.2635)

Conversions

Conversions Part 1

Format	Color
Hex	C3C4FF
RGB	195, 196, 255
RGB Percent	76%, 77%, 100%
CMY	0.2353, 0.2313, 0.0001
CMYK	0.24, 0.23, 0.00, 0.00
HSL	239°, 100%, 88%
HSV	239°, 24%, 100%
XYZ	60.2933, 58.3020, 102.6646
YIQ	202.4270, -19.5350, 18.1370

Conversions

Conversions Part 2

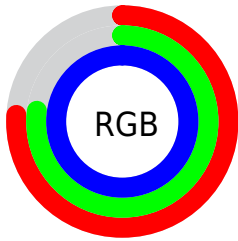
Format	Color
R_{YB}	195, 196, 255
Decimal	12829951
CIE _{Lab}	80.91, 11.92, -29.04
CIE _{LCh}	81, 31.388, 292.311
Yxy	58.3020, 0.2725, 0.2635
Android (android.graphics.Color)	4291020031 (0xFFC3C4FF)
YUV	202.4270, 25.9185, -6.5135
Hunter-Lab	76.3557, 7.3277, -26.2697

Details

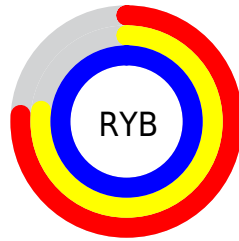
The Yxy color **58.3020, 0.2725, 0.2635** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96.0663, 0.3486, 0.3871**, and the grayscale version is **59.1888, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1660, 0.3109, 0.3271**, and **28.9987, 0.2620, 0.2477** is the 20% darker color. If you saturate the color by 10%, you get **44.8109, 0.2522, 0.2304**, and if you desaturate by 10%, it is **74.2677, 0.2910, 0.2937**.

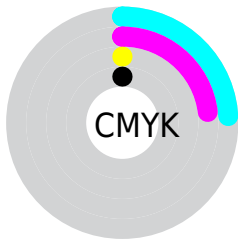
Distribution



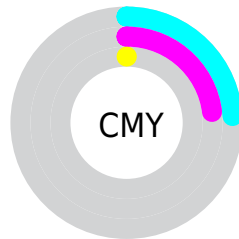
- Red (76%)
- Green (77%)
- Blue (100%)



- Red (76%)
- Yellow (77%)
- Blue (100%)



- Cyan (24%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3020, 0.2725, 0.2635 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 58.3020, 0.2725, 0.2635 by changing the saturation by 10% instead.

■ 58.3020, 0.2725,
0.2635

■ 58.3020, 0.2725,
0.2635

■ 418.3103, 0.2918,
0.2938

■ 42.0515, 0.2680,
0.2566

■ 102.3625, 0.2793,
0.2740

■ 29.1416, 0.2623,
0.2482

■ 130.9413, 0.2819,
0.2781

■ 19.1880, 0.2550,
0.2376

■ 164.3983, 0.2842,
0.2816

■ 11.8062, 0.2454,
0.2239

■ 203.1179, 0.2861,
0.2847

■ 6.6118, 0.2321,
0.2057

■ 247.4845, 0.2878,
0.2874

■ 3.2206, 0.2129,
0.1804

■ 297.8825, 0.2893,

■ 1.2479, 0.1833,

0.2897

0.1438

354.6963, 0.2906,
0.2919

0.1003, 0.1219,
0.0317

0.0000, 0.0000,
0.0000

58.3020, 0.2725,
0.2635

58.3020, 0.2725,
0.2635

44.8109, 0.2522,
0.2304

74.2677, 0.2910,
0.2937

33.6640, 0.2308,
0.1952

92.8155, 0.3074,
0.3204

24.7297, 0.2093,
0.1598

99.9986, 0.3127,
0.3290

17.8607, 0.1892,
0.1265

■ 12.8916, 0.1722,
0.0981

■ 9.6320, 0.1597,
0.0771

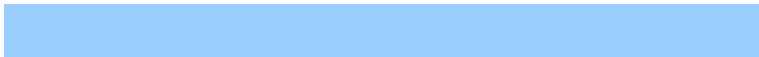
■ 7.8515, 0.1525,
0.0646

■ 7.3110, 0.1502,
0.0607

Harmonies

Analogous

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



58.3020, 0.2466, 0.2674



58.3020, 0.2725, 0.2635



58.3020, 0.3106, 0.2748

Triad

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



58.3020, 0.2725, 0.2635



58.3020, 0.3941, 0.3624



58.3020, 0.2728, 0.3620

Complementary

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



58.3020, 0.2725, 0.2635



96.0663, 0.3486, 0.3871

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.



58.3020, 0.3106, 0.3928



58.3020, 0.2725, 0.2635



58.3020, 0.3816, 0.3897

Square

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



58.3020, 0.2725, 0.2635



58.3020, 0.3831, 0.3295



58.3020, 0.3506, 0.4023



58.3020, 0.2466, 0.3221

Rectangle

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



58.3020, 0.2725, 0.2635



58.3020, 0.3384, 0.2894



58.3020, 0.3506, 0.4023



58.3020, 0.2845, 0.3741

Sweetspot

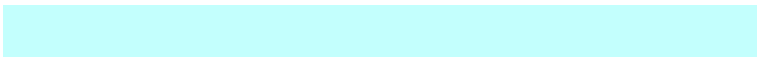
The Sweet Spot groups the original color and five complimentary colors.



58.3043, 0.2725, 0.2635



86.0784, 0.3019, 0.3115



90.2000, 0.2788, 0.3310



18.1805, 0.3010, 0.3099



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.



58.3043, 0.2725, 0.2635



51.9716, 0.2636, 0.2490



61.9385, 0.2919, 0.2660



17.4263, 0.2978, 0.3048



3.8419, 0.1503, 0.0610



0.3904, 0.1510, 0.0634

Inverse Universe

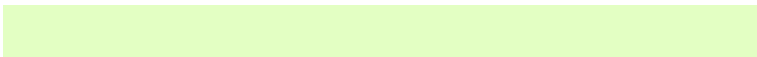
The Inverse Universe completely reimagines the original color for something new.



64.2747, 0.3610, 0.3281



58.8690, 0.3734, 0.3279



91.7765, 0.3298, 0.3917



17.9920, 0.3292, 0.3287



11.1158, 0.6384, 0.3290



1.0840, 0.6343, 0.3268

Previews

White Background



This preview shows how the Yxy color 58.3020, 0.2725, 0.2635 looks on a white background.

Color Contrast Check

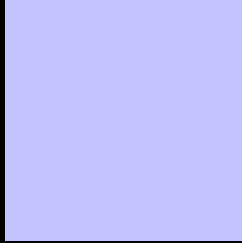
Large Text (above 18pt) WCAG AA × Fail

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 58.3020, 0.2725, 0.2635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

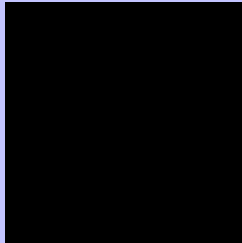
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3020, 0.2725, 0.2635

Background



This preview shows how black text looks on a background with the Yxy color 58.3020, 0.2725, 0.2635.

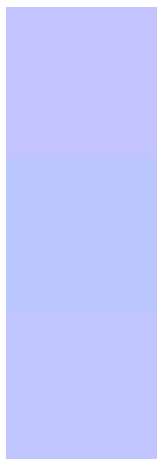


This preview shows how white text looks on a background with the Yxy color 58.3020, 0.2725, 0.2635.

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

58.3020, 0.2725, 0.2635

Protanopia

58.5060, 0.2669, 0.2659

Deuteranopia

58.3590, 0.2706, 0.2643



Tritanopia

58.5177, 0.2907, 0.3099

Trichromacy



Original Color

58.3020, 0.2725, 0.2635

Protanomaly

58.4270, 0.2687, 0.2651

Deuteranomaly

58.4900, 0.2712, 0.2644

Tritanomaly

58.2111, 0.2842, 0.2918

Monochromacy



Original Color

58.3020, 0.2725, 0.2635

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.6711, 0.2972, 0.3046

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3020, 0.2725, 0.2635 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(195, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 196, 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(195, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 196, 255) }
```

Border

The CSS property to change the border of an element to Yxy 58.3020, 0.2725, 0.2635 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(195, 196, 255) }
```

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

```
.border{ border-color:rgb(195, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 196,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3020, 0.2725, 0.2635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 196, 255) }
```

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

```
.background{ background-color: rgb(195,  
196, 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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