

Converting Colors

$Yxy(63.7293, 0.2494, 0.2305)$

Have a look what the booklet for
Yxy(63.7293, 0.2494, 0.2305)
contains.

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Color

Yxy(60.4626, 0.2723, 0.2691)

Conversions

Conversions Part 1

Format	Color
Hex	C2C9FF
RGB	194, 201, 255
RGB Percent	76%, 79%, 100%
CMY	0.2392, 0.2117, 0.0001
CMYK	0.24, 0.21, 0.00, 0.00
HSL	233°, 100%, 88%
HSV	233°, 24%, 100%
XYZ	61.1816, 60.4626, 103.0403
YIQ	205.0630, -21.5060, 15.3100

Conversions

Conversions Part 2

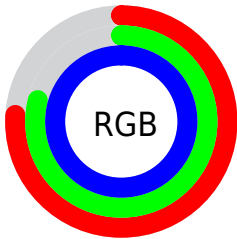
Format	Color
RYB	194, 200, 255
Decimal	12765695
CIELab	82.09, 8.92, -27.24
CIELCh	82, 28.660, 288.129
Yxy	60.4626, 0.2723, 0.2691
Android (android.graphics.Color)	4290955775 (0xFFC2C9FF)
YUV	205.0630, 24.6189, -9.7023
Hunter-Lab	77.7577, 4.3720, -24.1375

Details

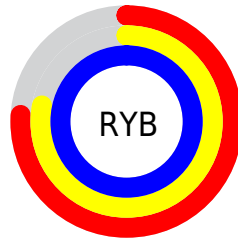
The Yxy color **60.4626, 0.2723, 0.2691** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.2712, 0.3505, 0.3826**, and the grayscale version is **60.9441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **30.4336, 0.2620, 0.2550** is the 20% darker color. If you saturate the color by 10%, you get **47.6152, 0.2527, 0.2392**, and if you desaturate by 10%, it is **75.4394, 0.2904, 0.2962**.

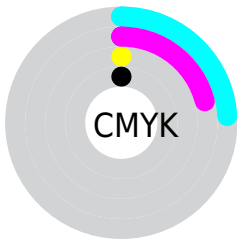
Distribution



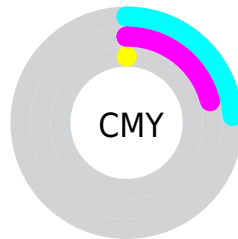
- Red (76%)
- Green (79%)
- Blue (100%)



- Red (76%)
- Yellow (78%)
- Blue (100%)



- Cyan (24%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4626, 0.2723, 0.2691 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 60.4626, 0.2723, 0.2691 by changing the saturation by 10% instead.

■ 60.4626, 0.2723,
0.2691

■ 60.4626, 0.2723,
0.2691

■ 426.3008, 0.2915,
0.2968

■ 43.7916, 0.2678,
0.2628

■ 105.5004, 0.2791,
0.2787

■ 30.5067, 0.2622,
0.2551

■ 134.6361, 0.2817,
0.2824

■ 20.2235, 0.2551,
0.2453

■ 168.6954, 0.2839,
0.2857

■ 12.5576, 0.2457,
0.2328

■ 208.0628, 0.2858,
0.2885

■ 7.1246, 0.2329,
0.2159

■ 253.1226, 0.2875,
0.2909

■ 3.5402, 0.2143,
0.1924

■ 304.2593, 0.2890,

■ 1.4198, 0.1859,

0.2931

0.1580

361.8572, 0.2903,
0.2951

0.2313, 0.1293,
0.0684

0.0000, 0.0000,
0.0000

60.4626, 0.2723,
0.2691

60.4626, 0.2723,
0.2691

47.6152, 0.2527,
0.2392

75.4394, 0.2904,
0.2962

36.7932, 0.2323,
0.2072

92.6288, 0.3068,
0.3204

27.8948, 0.2118,
0.1744

99.9991, 0.3127,
0.3290

20.8065, 0.1925,
0.1425

■ 15.4025, 0.1758,
0.1136

■ 11.5409, 0.1630,
0.0901

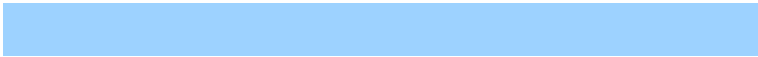
■ 9.0554, 0.1548,
0.0733

■ 8.1132, 0.1519,
0.0666

Harmonies

Analogous

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



60.4626, 0.2506, 0.2750



60.4626, 0.2723, 0.2691



60.4626, 0.3058, 0.2775

Triad

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



60.4626, 0.2723, 0.2691



60.4626, 0.3860, 0.3556



60.4626, 0.2811, 0.3633

Complementary

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



60.4626, 0.2723, 0.2691



92.2712, 0.3505, 0.3826

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.



60.4626, 0.3162, 0.3886



60.4626, 0.2723, 0.2691



60.4626, 0.3778, 0.3813

Square

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



60.4626, 0.2723, 0.2691



60.4626, 0.3732, 0.3255



60.4626, 0.3518, 0.3946



60.4626, 0.2553, 0.3280

Rectangle

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



60.4626, 0.2723, 0.2691



60.4626, 0.3309, 0.2899



60.4626, 0.3518, 0.3946



60.4626, 0.2921, 0.3735

Sweetspot

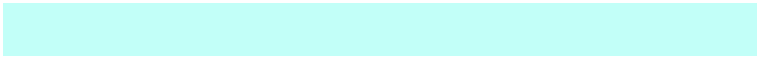
The Sweet Spot groups the original color and five complimentary colors.



60.4650, 0.2723, 0.2691



87.1017, 0.3019, 0.3133



89.7489, 0.2809, 0.3365



18.4166, 0.3010, 0.3118



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.



60.4650, 0.2723, 0.2691



53.6825, 0.2625, 0.2542



60.6107, 0.2879, 0.2641



17.7139, 0.2979, 0.3073



4.3459, 0.1523, 0.0681



0.5264, 0.1562, 0.0824

Inverse Universe

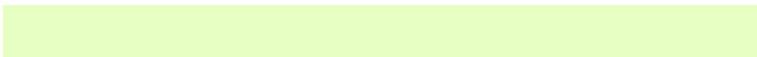
The Inverse Universe completely reimagines the original color for something new.



64.0569, 0.3571, 0.3219



58.0262, 0.3699, 0.3203



92.4957, 0.3334, 0.3921



18.0210, 0.3276, 0.3263



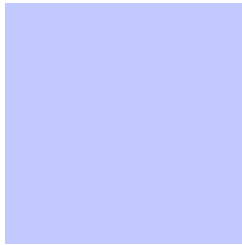
11.1667, 0.6264, 0.3225



1.0977, 0.6031, 0.3096

Previews

White Background



This preview shows how the Yxy color 60.4626, 0.2723, 0.2691 looks on a white background.

Color Contrast Check

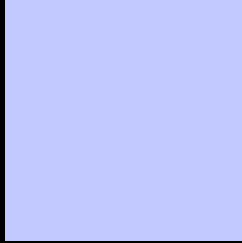
Large Text (above 18pt) WCAG AA × Fail

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 60.4626, 0.2723, 0.2691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

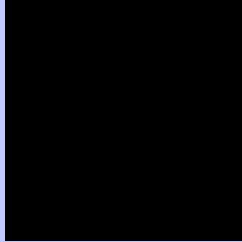
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4626, 0.2723, 0.2691

Background



This preview shows how black text looks on a background with the Yxy color 60.4626, 0.2723, 0.2691.



This preview shows how white text looks on a background with the Yxy color 60.4626, 0.2723, 0.2691.

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

60.4626, 0.2723, 0.2691

Protanopia

60.5374, 0.2704, 0.2699

Deuteranopia

60.3989, 0.2742, 0.2683



Tritanopia

60.6447, 0.2883, 0.3101

Trichromacy



Original Color

60.4626, 0.2723, 0.2691

Protanomaly

60.6675, 0.2711, 0.2700

Deuteranomaly

60.2643, 0.2735, 0.2682

Tritanomaly

60.6080, 0.2820, 0.2943

Monochromacy



Original Color

60.4626, 0.2723, 0.2691

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.9310, 0.2974, 0.3071

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4626, 0.2723, 0.2691 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, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 201, 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(194, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 201, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.4626, 0.2723, 0.2691 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, 201, 255) }
```

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

```
.border{ border-color:rgb(194, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 201,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4626, 0.2723, 0.2691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 201, 255) }
```

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

```
.background{ background-color: rgb(194,  
201, 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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