

Converting Colors

$Yxy(61.6160, 0.2513, 0.2412)$

Have a look what the booklet for
Yxy(61.6160, 0.2513, 0.2412)
contains.

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Color

Yxy(59.7753, 0.2666, 0.2693)

Conversions

Conversions Part 1

Format	Color
Hex	B9CAFF
RGB	185, 202, 255
RGB Percent	73%, 79%, 100%
CMY	0.2745, 0.2078, 0.0001
CMYK	0.27, 0.21, 0.00, 0.00
HSL	225°, 100%, 86%
HSV	225°, 27%, 100%
XYZ	59.1760, 59.7753, 103.0142
YIQ	202.9590, -27.1450, 12.8790

Conversions

Conversions Part 2

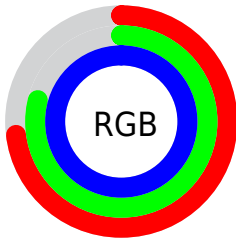
Format	Color
R _Y B	185, 199, 255
Decimal	12176127
CIE Lab	81.72, 5.76, -27.86
CIE LCh	82, 28.453, 281.672
Yxy	59.7753, 0.2666, 0.2693
Android (android.graphics.Color)	4290366207 (0xFFB9CAFF)
YUV	202.9590, 25.6562, -15.7500
Hunter-Lab	77.3145, 1.3224, -24.8781

Details

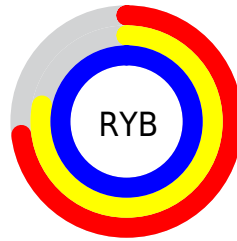
The Yxy color $59.7753, 0.2666, 0.2693$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $85.8991, 0.3585, 0.3823$, and the grayscale version is $59.5439, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.6172, 0.3047, 0.3290$, and $30.0029, 0.2549, 0.2551$ is the 20% darker color. If you saturate the color by 10%, you get $48.3862, 0.2478, 0.2431$, and if you desaturate by 10%, it is $72.8709, 0.2845, 0.2932$.

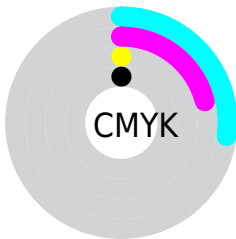
Distribution



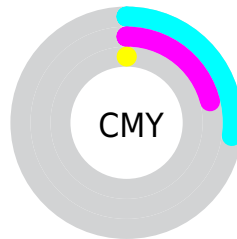
- Red (73%)
- Green (79%)
- Blue (100%)



- Red (73%)
- Yellow (78%)
- Blue (100%)



- Cyan (27%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7753, 0.2666, 0.2693 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 59.7753, 0.2666, 0.2693 by changing the saturation by 10% instead.

■ 59.7753, 0.2666,
0.2693

■ 59.7753, 0.2666,
0.2693

423.7690, 0.2885,
0.2971

■ 43.2375, 0.2615,
0.2630

■ 104.5036, 0.2743,
0.2790

■ 30.0715, 0.2552,
0.2551

133.4630, 0.2772,
0.2827

■ 19.8929, 0.2472,
0.2453

167.3317, 0.2798,
0.2859

■ 12.3172, 0.2367,
0.2325

206.4942, 0.2820,
0.2887

■ 6.9601, 0.2223,
0.2153

251.3347, 0.2839,
0.2912

■ 3.4372, 0.2018,
0.1912

302.2378, 0.2856,

■ 1.3640, 0.1706,

0.2934

0.1559

359.5878, 0.2871,
0.2954

0.1900, 0.0996,
0.0589

0.0000, 0.0000,
0.0000

59.7753, 0.2666,
0.2693

59.7753, 0.2666,
0.2693

48.3862, 0.2478,
0.2431

72.8709, 0.2845,
0.2932

38.6244, 0.2286,
0.2151

87.7335, 0.3012,
0.3147

30.4149, 0.2099,
0.1862

99.9991, 0.3127,
0.3290

23.6734, 0.1925,
0.1576

■ 18.3073, 0.1776,
0.1308

■ 14.2118, 0.1661,
0.1074

■ 11.2616, 0.1584,
0.0886

■ 10.6594, 0.1568,
0.0846

Harmonies

Analogous

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



59.7753, 0.2481, 0.2784



59.7753, 0.2666, 0.2693



59.7753, 0.2980, 0.2748

Triad

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



59.7753, 0.2666, 0.2693



59.7753, 0.3848, 0.3492



59.7753, 0.2882, 0.3699

Complementary

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



59.7753, 0.2666, 0.2693



85.8991, 0.3585, 0.3823

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.



59.7753, 0.3241, 0.3914



59.7753, 0.2666, 0.2693



59.7753, 0.3810, 0.3764

Square

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



59.7753, 0.2666, 0.2693



59.7753, 0.3677, 0.3192



59.7753, 0.3584, 0.3929



59.7753, 0.2599, 0.3358

Rectangle

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



59.7753, 0.2666, 0.2693



59.7753, 0.3227, 0.2855



59.7753, 0.3584, 0.3929



59.7753, 0.2997, 0.3790

Sweetspot

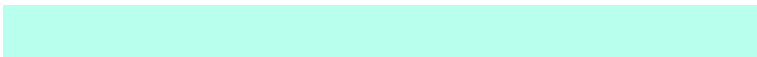
The Sweet Spot groups the original color and five complimentary colors.



59.7777, 0.2666, 0.2693



86.8736, 0.3003, 0.3135



87.9691, 0.2813, 0.3480



18.0944, 0.2979, 0.3105



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.



59.7777, 0.2666, 0.2693



53.2519, 0.2562, 0.2550



54.5441, 0.2768, 0.2521



18.0944, 0.2979, 0.3105



5.7634, 0.1575, 0.0871



0.7230, 0.1633, 0.1077

Inverse Universe

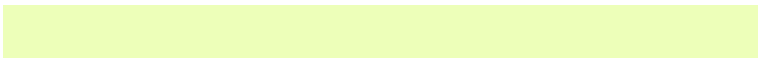
The Inverse Universe completely reimagines the original color for something new.



60.2208, 0.3582, 0.3115



54.1038, 0.3710, 0.3078



93.1033, 0.3425, 0.4007



18.0594, 0.3256, 0.3232



11.3098, 0.5957, 0.3055



1.1175, 0.5644, 0.2883

Previews

White Background



This preview shows how the Yxy color 59.7753, 0.2666, 0.2693 looks on a white background.

Color Contrast Check

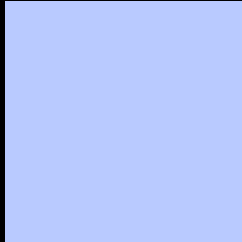
Large Text (above 18pt) WCAG AA × Fail

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 59.7753, 0.2666, 0.2693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

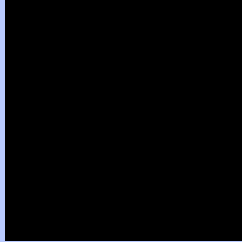
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

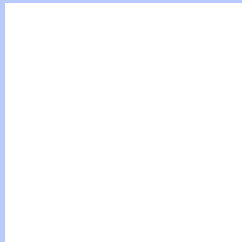
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.7753, 0.2666, 0.2693

Background



This preview shows how black text looks on a background with the Yxy color 59.7753, 0.2666, 0.2693.



This preview shows how white text looks on a background with the Yxy color 59.7753, 0.2666, 0.2693.

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

59.7753, 0.2666, 0.2693

Protanopia

59.8762, 0.2703, 0.2697

Deuteranopia

59.6689, 0.2728, 0.2669



Tritanopia

60.0773, 0.2816, 0.3098

Trichromacy



Original Color

59.7753, 0.2666, 0.2693

Protanomaly

59.6204, 0.2690, 0.2694

Deuteranomaly

59.6049, 0.2702, 0.2676

Tritanomaly

59.9645, 0.2761, 0.2950

Monochromacy



Original Color

59.7753, 0.2666, 0.2693

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.7216, 0.2944, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7753, 0.2666, 0.2693 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(185, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 202, 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(185, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 202, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.7753, 0.2666, 0.2693 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(185, 202, 255) }
```

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

```
.border{ border-color:rgb(185, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 202,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7753, 0.2666, 0.2693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 202, 255) }
```

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

```
.background{ background-color: rgb(185,  
202, 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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