

Converting Colors

$Yxy(60.9451, 0.2540, 0.2515)$

Have a look what the booklet for
Yxy(60.9451, 0.2540, 0.2515)
contains.

Yxy(59.7556, 0.2642, 0.2700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.7556, 0.2642, 0.2700)

Conversions

Conversions Part 1

Format	Color
Hex	B5CBFF
RGB	181, 203, 255
RGB Percent	71%, 80%, 100%
CMY	0.2901, 0.2040, 0.0000
CMYK	0.29, 0.20, 0.00, 0.00
HSL	222°, 100%, 85%
HSV	222°, 29%, 100%
XYZ	58.4720, 59.7556, 103.0895
YIQ	202.3500, -29.8040, 11.5080

Conversions

Conversions Part 2

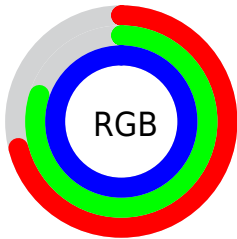
Format	Color
RYB	181, 198, 255
Decimal	11914239
CIELab	81.71, 4.10, -27.93
CIELCh	82, 28.230, 278.356
Yxy	59.7556, 0.2642, 0.2700
Android (android.graphics.Color)	4290104319 (0xFFB5CBFF)
YUV	202.3500, 25.9565, -18.7239
Hunter-Lab	77.3017, -0.2585, -24.9578

Details

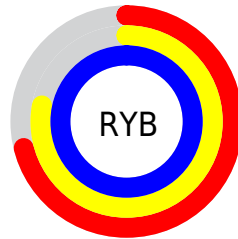
The Yxy color **59.7556, 0.2642, 0.2700** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.9002, 0.3625, 0.3816**, and the grayscale version is **59.1441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **30.0077, 0.2521, 0.2560** is the 20% darker color. If you saturate the color by 10%, you get **48.9649, 0.2458, 0.2455**, and if you desaturate by 10%, it is **72.0900, 0.2820, 0.2925**.

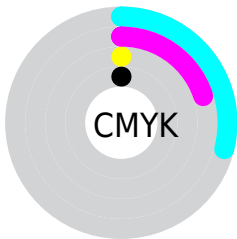
Distribution



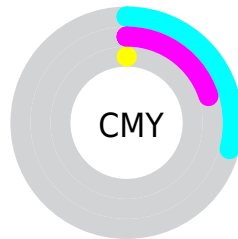
- Red (71%)
- Green (80%)
- Blue (100%)



- Red (71%)
- Yellow (78%)
- Blue (100%)



- Cyan (29%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)





- Cyan (29%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7556, 0.2642, 0.2700 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 59.7556, 0.2642, 0.2700 by changing the saturation by 10% instead.


 59.7556, 0.2642,
0.2700

 59.7556, 0.2642,
0.2700


423.6963, 0.2871,
0.2976

 43.2217, 0.2589,
0.2637


 104.4751, 0.2722,
0.2796

 30.0591, 0.2523,
0.2559


133.4294, 0.2753,
0.2833

 19.8834, 0.2439,
0.2461


167.2926, 0.2780,
0.2865

 12.3103, 0.2329,
0.2333

206.4491, 0.2803,
0.2893

 6.9554, 0.2180,
0.2162

251.2834, 0.2823,
0.2917

 3.4342, 0.1968,
0.1921

302.1797, 0.2841,

 1.3624, 0.1647,

0.2939

0.1566

359.5226, 0.2857,
0.2958

0.1888, 0.0877,
0.0592

0.0000, 0.0000,
0.0000

59.7556, 0.2642,
0.2700

59.7556, 0.2642,
0.2700

48.9649, 0.2458,
0.2455

72.0900, 0.2820,
0.2925

39.6537, 0.2273,
0.2193

86.0280, 0.2987,
0.3127

31.7533, 0.2094,
0.1921

100.0000, 0.3127,
0.3290

25.1888, 0.1929,
0.1651

■ 19.8775, 0.1789,
0.1395

■ 15.7256, 0.1681,
0.1166

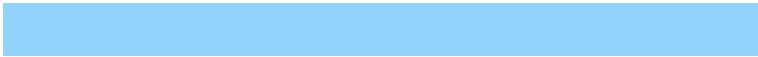
■ 12.6113, 0.1606,
0.0975

■ 12.3470, 0.1600,
0.0958

Harmonies

Analogous

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



59.7556, 0.2475, 0.2807



59.7556, 0.2642, 0.2700



59.7556, 0.2942, 0.2739

Triad

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



59.7556, 0.2642, 0.2700



59.7556, 0.3833, 0.3458



59.7556, 0.2921, 0.3727

Complementary

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



59.7556, 0.2642, 0.2700



82.9002, 0.3625, 0.3816

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.



59.7556, 0.3281, 0.3921



59.7556, 0.2642, 0.2700



59.7556, 0.3819, 0.3734

Square

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



59.7556, 0.2642, 0.2700



59.7556, 0.3643, 0.3161



59.7556, 0.3612, 0.3914



59.7556, 0.2628, 0.3397

Rectangle

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



59.7556, 0.2642, 0.2700



59.7556, 0.3185, 0.2837



59.7556, 0.3612, 0.3914



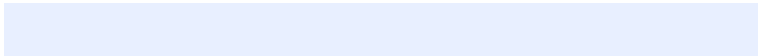
59.7556, 0.3038, 0.3812

Sweetspot

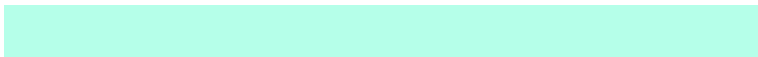
The Sweet Spot groups the original color and five complimentary colors.



59.7556, 0.2642, 0.2700



86.0368, 0.2987, 0.3128



87.2203, 0.2816, 0.3533



17.9595, 0.2963, 0.3100



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.



59.7556, 0.2642, 0.2700



53.1063, 0.2532, 0.2555



51.9946, 0.2717, 0.2465



18.2565, 0.2979, 0.3118



6.6763, 0.1607, 0.0986



0.8305, 0.1668, 0.1205

Inverse Universe

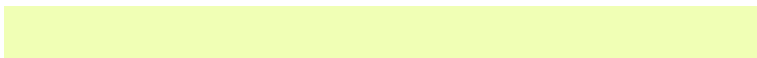
The Inverse Universe completely reimagines the original color for something new.



58.6333, 0.3582, 0.3064



52.2582, 0.3714, 0.3015



93.4191, 0.3467, 0.4043



18.0758, 0.3247, 0.3220



11.4019, 0.5780, 0.2958



1.1284, 0.5460, 0.2781

Previews

White Background



This preview shows how the Yxy color 59.7556, 0.2642, 0.2700 looks on a white background.

Color Contrast Check

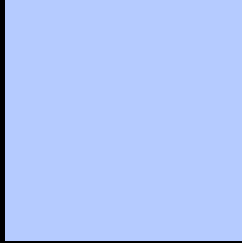
Large Text (above 18pt) WCAG AA × Fail

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 59.7556, 0.2642, 0.2700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

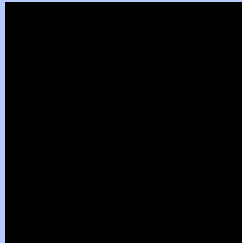
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

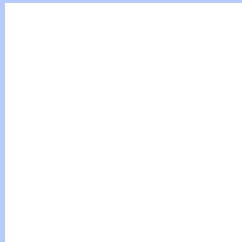
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.7556, 0.2642, 0.2700

Background



This preview shows how black text looks on a background with the Yxy color 59.7556, 0.2642, 0.2700.



This preview shows how white text looks on a background with the Yxy color 59.7556, 0.2642, 0.2700.

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

59.7556, 0.2642, 0.2700

Protanopia

59.8123, 0.2708, 0.2707

Deuteranopia

59.6689, 0.2728, 0.2669



Tritanopia

59.6620, 0.2783, 0.3085

Trichromacy



Original Color

59.7556, 0.2642, 0.2700

Protanomaly

59.9616, 0.2684, 0.2705

Deuteranomaly

59.4757, 0.2696, 0.2675

Tritanomaly

59.5459, 0.2729, 0.2936

Monochromacy



Original Color

59.7556, 0.2642, 0.2700

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.9309, 0.2936, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7556, 0.2642, 0.2700 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(181, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 203, 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(181, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 203, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.7556, 0.2642, 0.2700 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(181, 203, 255) }
```

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

```
.border{ border-color:rgb(181, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 203,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7556, 0.2642, 0.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 203, 255) }
```

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

```
.background{ background-color: rgb(181,  
203, 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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