

Converting Colors

$Yxy(62.1397, 0.2073, 0.1564)$

Have a look what the booklet for
Yxy(62.1397, 0.2073, 0.1564)
contains.

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Color

Yxy(50.6707, 0.2603, 0.2462)

Conversions

Conversions Part 1

Format	Color
Hex	B3B7FF
RGB	179, 183, 255
RGB Percent	70%, 72%, 100%
CMY	0.2981, 0.2823, 0.0000
CMYK	0.30, 0.28, 0.00, 0.00
HSL	237°, 100%, 85%
HSV	237°, 30%, 100%
XYZ	53.5726, 50.6707, 101.5678
YIQ	190.0120, -25.4960, 21.5440

Conversions

Conversions Part 2

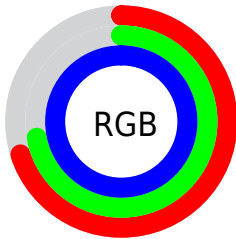
Format	Color
R _Y B	179, 183, 255
Decimal	11778047
CIE Lab	76.48, 14.40, -35.97
CIE LCh	76, 38.747, 291.823
Yxy	50.6707, 0.2603, 0.2462
Android (android.graphics.Color)	4289968127 (0xFFB3B7FF)
YUV	190.0120, 32.0391, -9.6575
Hunter-Lab	71.1834, 9.7683, -34.7694

Details

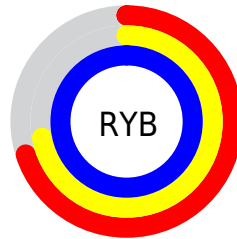
The Yxy color **50.6707, 0.2603, 0.2462** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.5008, 0.3590, 0.4002**, and the grayscale version is **51.3233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7859, 0.3012, 0.3130**, and **24.3276, 0.2463, 0.2262** is the 20% darker color. If you saturate the color by 10%, you get **38.7859, 0.2395, 0.2128**, and if you desaturate by 10%, it is **64.8303, 0.2797, 0.2771**.

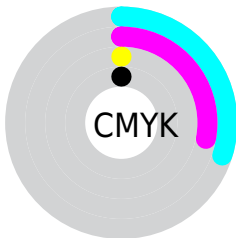
Distribution



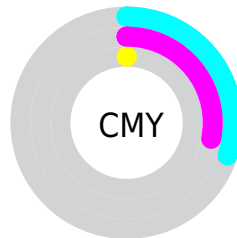
- Red (70%)
- Green (72%)
- Blue (100%)



- Red (70%)
- Yellow (72%)
- Blue (100%)



- Cyan (30%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.6707, 0.2603, 0.2462 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 50.6707, 0.2603, 0.2462 by changing the saturation by 10% instead.

■ 50.6707, 0.2603,
0.2462

■ 50.6707, 0.2603,
0.2462

■ 389.2830, 0.2859,
0.2849

■ 35.9466, 0.2542,
0.2374

■ 91.1678, 0.2694,
0.2596

■ 24.3930, 0.2465,
0.2266

■ 117.7096, 0.2729,
0.2648

■ 15.6254, 0.2367,
0.2130

■ 148.9595, 0.2759,
0.2693

■ 9.2595, 0.2236,
0.1955

■ 185.3018, 0.2784,
0.2733

■ 4.9108, 0.2056,
0.1723

■ 227.1209, 0.2807,
0.2767

■ 2.1950, 0.1796,
0.1409

■ 274.8012, 0.2826,

■ 0.7173, 0.1408,

0.2797

0.0963

328.7271, 0.2844,
0.2825

0.0000, 0.0000,
0.0000

50.6707, 0.2603,
0.2462

50.6707, 0.2603,
0.2462

38.7859, 0.2395,
0.2128

64.8303, 0.2797,
0.2771

29.0526, 0.2183,
0.1783

81.3693, 0.2973,
0.3049

21.3435, 0.1978,
0.1445

100.0000, 0.3127,
0.3290

15.5157, 0.1795,
0.1138

11.4078, 0.1651,
0.0889

■ 8.8311, 0.1555,
0.0716

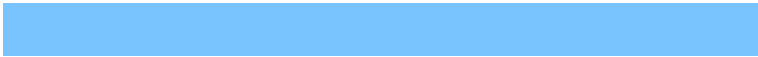
■ 7.5354, 0.1507,
0.0624

■ 7.5198, 0.1506,
0.0622

Harmonies

Analogous

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



50.6707, 0.2285, 0.2506



50.6707, 0.2603, 0.2462



50.6707, 0.3085, 0.2603

Triad

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



50.6707, 0.2603, 0.2462



50.6707, 0.4180, 0.3692



50.6707, 0.2617, 0.3729

Complementary

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



50.6707, 0.2603, 0.2462



93.5008, 0.3590, 0.4002

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.



50.6707, 0.3098, 0.4137



50.6707, 0.2603, 0.2462



50.6707, 0.4014, 0.4053

Square

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



50.6707, 0.2603, 0.2462



50.6707, 0.4037, 0.3277



50.6707, 0.3611, 0.4243



50.6707, 0.2289, 0.3198

Rectangle

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



50.6707, 0.2603, 0.2462



50.6707, 0.3447, 0.2782



50.6707, 0.3611, 0.4243



50.6707, 0.2765, 0.3891

Sweetspot

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



50.6724, 0.2603, 0.2462



82.8103, 0.2987, 0.3070



88.0008, 0.2720, 0.3344



17.1710, 0.2963, 0.3032



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.



50.6724, 0.2603, 0.2462



43.0501, 0.2476, 0.2258



53.4441, 0.2832, 0.2469



17.5315, 0.2978, 0.3057



3.9918, 0.1509, 0.0631



0.4404, 0.1529, 0.0705

Inverse Universe

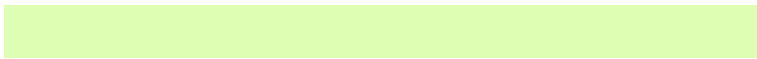
The Inverse Universe completely reimagines the original color for something new.



56.9166, 0.3763, 0.3250



50.3544, 0.3955, 0.3241



90.3141, 0.3357, 0.4095



18.0026, 0.3286, 0.3278



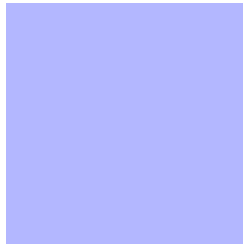
11.1309, 0.6348, 0.3270



1.0890, 0.6224, 0.3202

Previews

White Background



This preview shows how the Yxy color 50.6707, 0.2603, 0.2462 looks on a white background.

Color Contrast Check

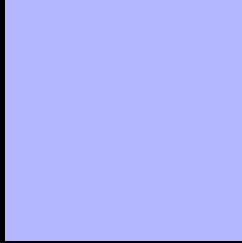
Large Text (above 18pt) WCAG AA × Fail

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 50.6707, 0.2603, 0.2462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

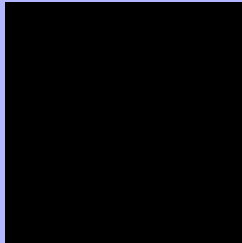
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.6707, 0.2603, 0.2462

Background



This preview shows how black text looks on a background with the Yxy color 50.6707, 0.2603, 0.2462.



This preview shows how white text looks on a background with the Yxy color 50.6707, 0.2603, 0.2462.

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

50.6707, 0.2603, 0.2462

Protanopia

50.6626, 0.2536, 0.2483

Deuteranopia

50.8196, 0.2554, 0.2495



Tritanopia

50.6393, 0.2843, 0.3098

Trichromacy



Original Color

50.6707, 0.2603, 0.2462

Protanomaly

50.6886, 0.2560, 0.2476

Deuteranomaly

50.7379, 0.2572, 0.2487

Tritanomaly

50.6612, 0.2758, 0.2858

Monochromacy



Original Color

50.6707, 0.2603, 0.2462

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.8348, 0.2920, 0.2959

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6707, 0.2603, 0.2462 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(179, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 183, 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(179, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 183, 255) }
```

Border

The CSS property to change the border of an element to Yxy 50.6707, 0.2603, 0.2462 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(179, 183, 255) }
```

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

```
.border{ border-color:rgb(179, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 183,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6707, 0.2603, 0.2462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 183, 255) }
```

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

```
.background{ background-color: rgb(179,  
183, 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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