

Converting Colors

Yxy(56.7699, 0.2661, 0.2722)

Have a look what the booklet for
Yxy(56.7699, 0.2661, 0.2722)
contains.

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Color

Yxy(56.5685, 0.2662, 0.2721)

Conversions

Conversions Part 1

Format	Color
Hex	B2C6F7
RGB	178, 198, 247
RGB Percent	70%, 78%, 97%
CMY	0.3019, 0.2235, 0.0314
CMYK	0.28, 0.20, 0.00, 0.03
HSL	223°, 81%, 83%
HSV	223°, 28%, 97%
XYZ	55.3419, 56.5685, 95.9856
YIQ	197.6060, -27.6490, 10.9990

Conversions

Conversions Part 2

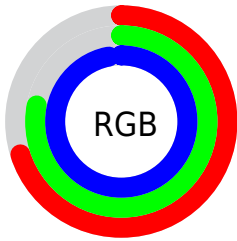
Format	Color
R _Y B	178, 194, 247
Decimal	11716343
CIE Lab	79.94, 4.00, -26.36
CIE LCh	80, 26.663, 278.627
Yxy	56.5685, 0.2662, 0.2721
Android (android.graphics.Color)	4289906423 (0xFFB2C6F7)
YUV	197.6060, 24.3512, -17.1945
Hunter-Lab	75.2120, -0.2786, -23.0175

Details

The Yxy color **56.5685, 0.2662, 0.2721** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.9201, 0.3602, 0.3800**, and the grayscale version is **56.0845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **27.9932, 0.2542, 0.2570** is the 20% darker color. If you saturate the color by 10%, you get **46.3478, 0.2478, 0.2475**, and if you desaturate by 10%, it is **68.2482, 0.2839, 0.2945**.

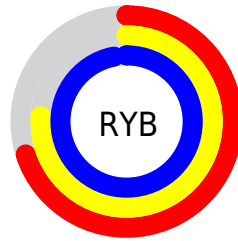
Distribution



Red (70%)

Green (78%)

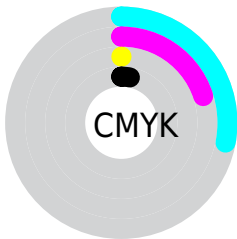
Blue (97%)



Red (70%)

Yellow (76%)

Blue (97%)

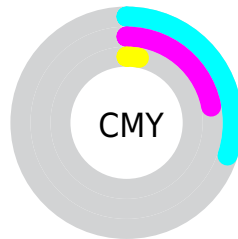


Cyan (28%)

Magenta (20%)

Yellow (0%)

Black (3%)



Cyan (30%)

Magenta (22%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5685, 0.2662, 0.2721 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 56.5685, 0.2662, 0.2721 by changing the saturation by 10% instead.

■ 56.5685, 0.2662,
0.2721

■ 56.5685, 0.2662,
0.2721

411.8304, 0.2884,
0.2990

■ 40.6589, 0.2610,
0.2659

■ 99.8353, 0.2740,
0.2815

■ 28.0527, 0.2545,
0.2582

127.9613, 0.2770,
0.2851

■ 18.3654, 0.2461,
0.2483

160.9282, 0.2796,
0.2883

■ 11.2126, 0.2351,
0.2355

199.1204, 0.2819,
0.2910

■ 6.2100, 0.2200,
0.2180

242.9224, 0.2838,
0.2933

■ 2.9732, 0.1981,
0.1931

292.7184, 0.2855,

■ 1.1178, 0.1643,

0.2954

348.8930, 0.2871,
0.2973

0.1555

0.0000, 0.0411,
0.0000

0.0000, 0.0000,
0.0000

56.5685, 0.2662,
0.2721

56.5685, 0.2662,
0.2721

46.3478, 0.2478,
0.2475

68.2482, 0.2839,
0.2945

37.5195, 0.2292,
0.2213

81.4362, 0.3005,
0.3147

30.0216, 0.2111,
0.1940

96.1879, 0.3158,
0.3325

23.7847, 0.1944,
0.1668

99.4946, 0.3174,
0.3367

■ 18.7317, 0.1800,
0.1408

■ 14.7761, 0.1687,
0.1175

■ 11.8110, 0.1609,
0.0981

■ 11.2971, 0.1596,
0.0945

Harmonies

Analogous

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



56.5685, 0.2499, 0.2824



56.5685, 0.2662, 0.2721



56.5685, 0.2952, 0.2759

Triad

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



56.5685, 0.2662, 0.2721



56.5685, 0.3807, 0.3456



56.5685, 0.2926, 0.3707

Complementary

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



56.5685, 0.2662, 0.2721



77.9201, 0.3602, 0.3800

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.



56.5685, 0.3273, 0.3895



56.5685, 0.2662, 0.2721



56.5685, 0.3792, 0.3721

Square

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



56.5685, 0.2662, 0.2721



56.5685, 0.3625, 0.3169



56.5685, 0.3592, 0.3891



56.5685, 0.2644, 0.3390

Rectangle

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



56.5685, 0.2662, 0.2721



56.5685, 0.3187, 0.2855



56.5685, 0.3592, 0.3891



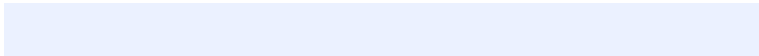
56.5685, 0.3039, 0.3789

Sweetspot

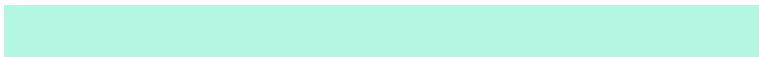
The Sweet Spot groups the original color and five complimentary colors.



56.5707, 0.2662, 0.2721



87.4371, 0.3003, 0.3145



81.4863, 0.2827, 0.3523



18.2354, 0.2979, 0.3116



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.



56.5707, 0.2662, 0.2721



53.9090, 0.2550, 0.2573



49.7402, 0.2736, 0.2501



16.7092, 0.2980, 0.3117



6.1862, 0.1604, 0.0973



0.7131, 0.1671, 0.1215

Inverse Universe

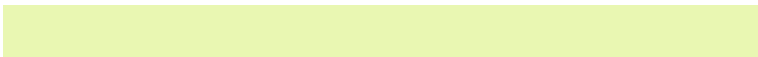
The Inverse Universe completely reimagines the original color for something new.



55.6937, 0.3563, 0.3078



53.2457, 0.3696, 0.3029



87.0837, 0.3454, 0.4013



16.5615, 0.3248, 0.3222



10.7239, 0.5799, 0.2968



0.9596, 0.5445, 0.2773

Previews

White Background



This preview shows how the Yxy color 56.5685, 0.2662, 0.2721 looks on a white background.

Color Contrast Check

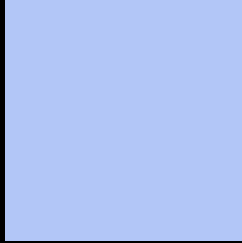
Large Text (above 18pt) WCAG AA × Fail

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 56.5685, 0.2662, 0.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

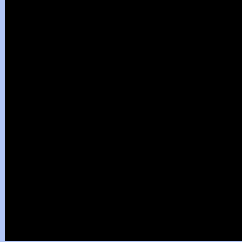
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

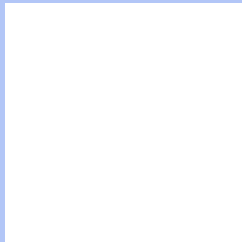
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5685, 0.2662, 0.2721

Background



This preview shows how black text looks on a background with the Yxy color 56.5685, 0.2662, 0.2721.



This preview shows how white text looks on a background with the Yxy color 56.5685, 0.2662, 0.2721.

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

56.5685, 0.2662, 0.2721

Protanopia

56.5115, 0.2724, 0.2726

Deuteranopia

56.4372, 0.2738, 0.2677



Tritanopia

56.5970, 0.2795, 0.3093

Trichromacy



Original Color

56.5685, 0.2662, 0.2721

Protanomaly

56.6536, 0.2699, 0.2724

Deuteranomaly

56.2466, 0.2705, 0.2683

Tritanomaly

56.4291, 0.2745, 0.2952

Monochromacy



Original Color

56.5685, 0.2662, 0.2721

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.4224, 0.2947, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5685, 0.2662, 0.2721 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(178, 198, 247)` looks like.

```
.text, #text, p{  
    color:rgb(178, 198, 247)  
}
```

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(178, 198, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 198, 247) }
```

Border

The CSS property to change the border of an element to Yxy 56.5685, 0.2662, 0.2721 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(178, 198, 247) }
```

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

```
.border{ border-color:rgb(178, 198, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 198, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 198, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 198, 247);  
box-shadow:4px 4px 4px 4px rgb(178, 198,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5685, 0.2662, 0.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 198, 247) }
```

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

```
.background{ background-color: rgb(178,  
198, 247) }
```

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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