

Converting Colors

$Yxy(63.8015, 0.2498, 0.2438)$

Have a look what the booklet for
Yxy(63.8015, 0.2498, 0.2438)
contains.

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Color

Yxy(61.5530, 0.2664, 0.2738)

Conversions

Conversions Part 1

Format	Color
Hex	B8CEFF
RGB	184, 206, 255
RGB Percent	72%, 81%, 100%
CMY	0.2785, 0.1921, 0.0000
CMYK	0.28, 0.19, 0.00, 0.00
HSL	221°, 100%, 86%
HSV	221°, 28%, 100%
XYZ	59.8894, 61.5530, 103.3677
YIQ	205.0080, -28.8410, 10.5750

Conversions

Conversions Part 2

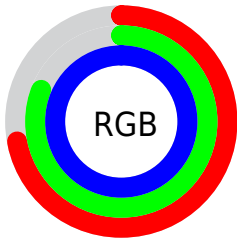
Format	Color
RYB	184, 201, 255
Decimal	12111615
CIELab	82.68, 3.33, -26.43
CIELCh	83, 26.644, 277.181
Yxy	61.5530, 0.2664, 0.2738
Android (android.graphics.Color)	4290301695 (0xFFB8CEFF)
YUV	205.0080, 24.6461, -18.4240
Hunter-Lab	78.4557, -1.0390, -23.1973

Details

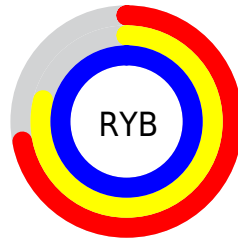
The Yxy color **61.5530, 0.2664, 0.2738** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.9823, 0.3605, 0.3786**, and the grayscale version is **60.9067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **31.2008, 0.2550, 0.2611** is the 20% darker color. If you saturate the color by 10%, you get **50.6811, 0.2482, 0.2500**, and if you desaturate by 10%, it is **73.9397, 0.2840, 0.2956**.

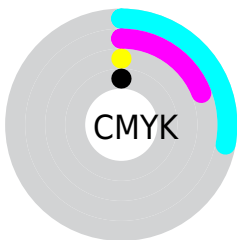
Distribution



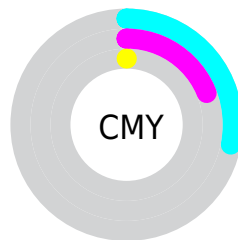
- Red (72%)
- Green (81%)
- Blue (100%)



- Red (72%)
- Yellow (79%)
- Blue (100%)



- Cyan (28%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5530, 0.2664, 0.2738 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 61.5530, 0.2664, 0.2738 by changing the saturation by 10% instead.

■ 61.5530, 0.2664,
0.2738

■ 61.5530, 0.2664,
0.2738

430.2987, 0.2882,
0.2995

■ 44.6716, 0.2614,
0.2679

■ 107.0792, 0.2740,
0.2827

■ 31.1988, 0.2551,
0.2607

136.4929, 0.2770,
0.2862

■ 20.7503, 0.2472,
0.2515

170.8527, 0.2795,
0.2892

■ 12.9416, 0.2369,
0.2396

210.5431, 0.2817,
0.2918

■ 7.3884, 0.2228,
0.2236

255.9485, 0.2836,
0.2941

■ 3.7061, 0.2028,
0.2011

307.4534, 0.2853,

■ 1.5106, 0.1726,

0.2961

0.1676

365.4419, 0.2868,
0.2979

0.2962, 0.1066,
0.0870

0.0000, 0.0000,
0.0000

61.5530, 0.2664,
0.2738

61.5530, 0.2664,
0.2738

50.6811, 0.2482,
0.2500

73.9397, 0.2840,
0.2956

41.2635, 0.2298,
0.2244

87.9002, 0.3005,
0.3152

33.2337, 0.2119,
0.1978

100.0000, 0.3127,
0.3290

26.5198, 0.1954,
0.1712

■ 21.0429, 0.1812,
0.1456

■ 16.7132, 0.1700,
0.1224

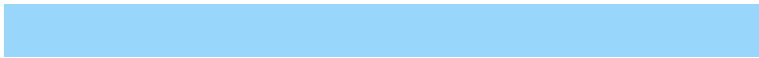
■ 13.4213, 0.1622,
0.1027

■ 12.8245, 0.1608,
0.0989

Harmonies

Analogous

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



61.5530, 0.2512, 0.2845



61.5530, 0.2664, 0.2738



61.5530, 0.2942, 0.2769

Triad

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



61.5530, 0.2664, 0.2738



61.5530, 0.3783, 0.3439



61.5530, 0.2948, 0.3707

Complementary

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



61.5530, 0.2664, 0.2738



82.9823, 0.3605, 0.3786

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.



61.5530, 0.3286, 0.3881



61.5530, 0.2664, 0.2738



61.5530, 0.3778, 0.3699

Square

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



61.5530, 0.2664, 0.2738



61.5530, 0.3598, 0.3159



61.5530, 0.3592, 0.3869



61.5530, 0.2669, 0.3404

Rectangle

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



61.5530, 0.2664, 0.2738



61.5530, 0.3168, 0.2858



61.5530, 0.3592, 0.3869



61.5530, 0.3058, 0.3784

Sweetspot

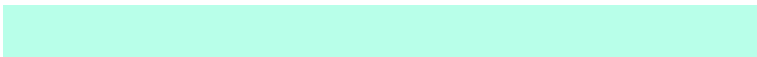
The Sweet Spot groups the original color and five complimentary colors.



61.5527, 0.2664, 0.2738



87.6815, 0.3003, 0.3149



87.5628, 0.2833, 0.3536



18.2967, 0.2979, 0.3121



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.



61.5527, 0.2664, 0.2738



55.7703, 0.2571, 0.2618



53.3620, 0.2728, 0.2500



18.2967, 0.2979, 0.3121



6.9330, 0.1616, 0.1018



0.8596, 0.1677, 0.1238

Inverse Universe

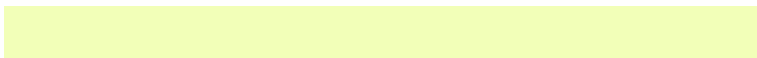
The Inverse Universe completely reimagines the original color for something new.



59.9883, 0.3550, 0.3064



54.3580, 0.3658, 0.3020



93.8533, 0.3462, 0.4010



18.0799, 0.3245, 0.3217



11.4279, 0.5732, 0.2932



1.1313, 0.5412, 0.2755

Previews

White Background



This preview shows how the Yxy color 61.5530, 0.2664, 0.2738 looks on a white background.

Color Contrast Check

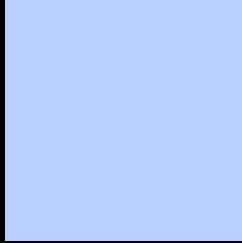
Large Text (above 18pt) WCAG AA × Fail

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 61.5530, 0.2664, 0.2738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

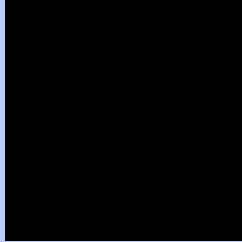
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

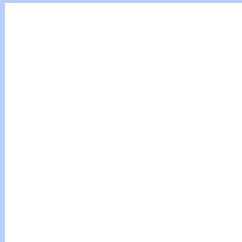
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5530, 0.2664, 0.2738

Background



This preview shows how black text looks on a background with the Yxy color 61.5530, 0.2664, 0.2738.



This preview shows how white text looks on a background with the Yxy color 61.5530, 0.2664, 0.2738.

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

61.5530, 0.2664, 0.2738

Protanopia

61.2731, 0.2737, 0.2734

Deuteranopia

61.2726, 0.2763, 0.2697



Tritanopia

61.6549, 0.2787, 0.3088

Trichromacy



Original Color

61.5530, 0.2664, 0.2738

Protanomaly

61.2886, 0.2706, 0.2731

Deuteranomaly

61.4012, 0.2725, 0.2714

Tritanomaly

61.4773, 0.2739, 0.2952

Monochromacy



Original Color

61.5530, 0.2664, 0.2738

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.8607, 0.2945, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5530, 0.2664, 0.2738 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(184, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 206, 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(184, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 206, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.5530, 0.2664, 0.2738 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(184, 206, 255) }
```

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

```
.border{ border-color:rgb(184, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 206, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 206, 255); box-shadow:4px 4px 4px 4px rgb(184, 206, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5530, 0.2664, 0.2738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 206, 255) }
```

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

```
.background{ background-color: rgb(184,  
206, 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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