

Converting Colors

Yxy(60.4751, 0.2659, 0.2713)

Have a look what the booklet for
Yxy(60.4751, 0.2659, 0.2713)
contains.

Yxy(60.5961, 0.2662, 0.2715)	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(60.5961, 0.2662, 0.2715)

Conversions

Conversions Part 1

Format	Color
Hex	B8CCFF
RGB	184, 204, 255
RGB Percent	72%, 80%, 100%
CMY	0.2784, 0.2000, 0.0000
CMYK	0.28, 0.20, 0.00, 0.00
HSL	223°, 100%, 86%
HSV	223°, 28%, 100%
XYZ	59.4132, 60.5961, 103.1808
YIQ	203.8340, -28.2910, 11.6210

Conversions

Conversions Part 2

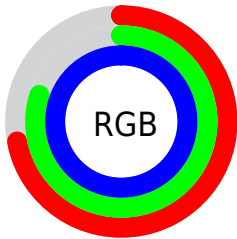
Format	Color
R _Y B	184, 200, 255
Decimal	12111103
CIE Lab	82.16, 4.41, -27.20
CIE LCh	82, 27.557, 279.202
Yxy	60.5961, 0.2662, 0.2715
Android (android.graphics.Color)	4290301183 (0xFFB8CCFF)
YUV	203.8340, 25.2248, -17.3944
Hunter-Lab	77.8435, 0.0120, -24.0978

Details

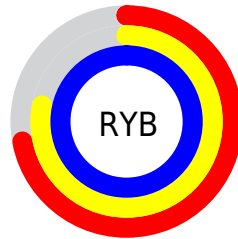
The Yxy color **60.5961, 0.2662, 0.2715** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.1460, 0.3600, 0.3805**, and the grayscale version is **60.1266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **30.5570, 0.2546, 0.2580** is the 20% darker color. If you saturate the color by 10%, you get **49.5242, 0.2477, 0.2466**, and if you desaturate by 10%, it is **73.2634, 0.2839, 0.2943**.

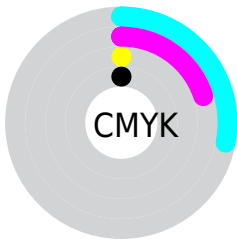
Distribution



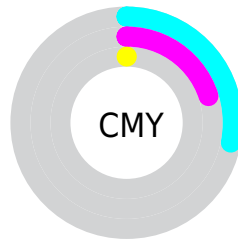
- Red (72%)
- Green (80%)
- Blue (100%)



- Red (72%)
- Yellow (78%)
- Blue (100%)



- Cyan (28%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5961, 0.2662, 0.2715 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 60.5961, 0.2662, 0.2715 by changing the saturation by 10% instead.

■ 60.5961, 0.2662,
0.2715

■ 60.5961, 0.2662,
0.2715

426.7915, 0.2882,
0.2983

■ 43.8993, 0.2611,
0.2654

■ 105.6939, 0.2739,
0.2808

■ 30.5913, 0.2548,
0.2578

134.8637, 0.2769,
0.2844

■ 20.2879, 0.2468,
0.2483

168.9599, 0.2794,
0.2875

■ 12.6045, 0.2363,
0.2359

208.3670, 0.2816,
0.2902

■ 7.1568, 0.2220,
0.2193

253.4693, 0.2836,
0.2926

■ 3.5603, 0.2016,
0.1959

304.6512, 0.2853,

■ 1.4308, 0.1708,

0.2947

0.1615

362.2971, 0.2868,
0.2966

0.2393, 0.1015,
0.0725

0.0000, 0.0000,
0.0000

60.5961, 0.2662,
0.2715

60.5961, 0.2662,
0.2715

49.5242, 0.2477,
0.2466

73.2634, 0.2839,
0.2943

39.9768, 0.2290,
0.2200

87.5828, 0.3006,
0.3146

31.8848, 0.2108,
0.1924

100.0000, 0.3127,
0.3290

25.1714, 0.1939,
0.1649

■ 19.7519, 0.1794,
0.1387

■ 15.5306, 0.1681,
0.1154

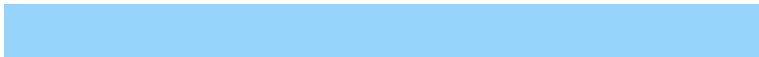
■ 12.3910, 0.1604,
0.0961

■ 11.8282, 0.1590,
0.0924

Harmonies

Analogous

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



60.5961, 0.2495, 0.2816



60.5961, 0.2662, 0.2715



60.5961, 0.2957, 0.2756

Triad

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



60.5961, 0.2662, 0.2715



60.5961, 0.3815, 0.3463



60.5961, 0.2918, 0.3707

Complementary

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



60.5961, 0.2662, 0.2715



84.1460, 0.3600, 0.3805

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.



60.5961, 0.3267, 0.3900



60.5961, 0.2662, 0.2715



60.5961, 0.3796, 0.3729

Square

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



60.5961, 0.2662, 0.2715



60.5961, 0.3635, 0.3173



60.5961, 0.3591, 0.3899



60.5961, 0.2635, 0.3384

Rectangle

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



60.5961, 0.2662, 0.2715



60.5961, 0.3194, 0.2854



60.5961, 0.3591, 0.3899



60.5961, 0.3031, 0.3790

Sweetspot

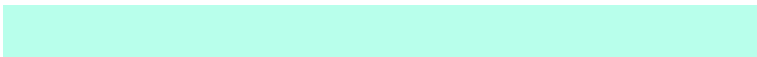
The Sweet Spot groups the original color and five complimentary colors.



60.5978, 0.2662, 0.2715



87.3368, 0.3003, 0.3143



87.7037, 0.2821, 0.3509



18.2103, 0.2979, 0.3114



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.



60.5978, 0.2662, 0.2715



54.6865, 0.2567, 0.2589



53.7029, 0.2745, 0.2504



18.2103, 0.2979, 0.3114



6.3966, 0.1598, 0.0951



0.7983, 0.1658, 0.1167

Inverse Universe

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



59.9064, 0.3567, 0.3084



54.2486, 0.3680, 0.3044



93.4401, 0.3446, 0.4013



18.0711, 0.3250, 0.3223



11.3737, 0.5833, 0.2987



1.1251, 0.5513, 0.2811

Previews

White Background



This preview shows how the Yxy color 60.5961, 0.2662, 0.2715 looks on a white background.

Color Contrast Check

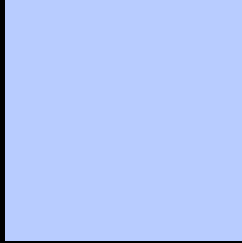
Large Text (above 18pt) WCAG AA × Fail

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 60.5961, 0.2662, 0.2715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

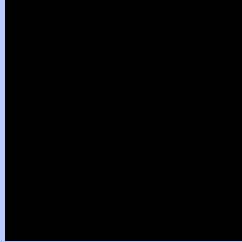
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5961, 0.2662, 0.2715

Background



This preview shows how black text looks on a background with the Yxy color 60.5961, 0.2662, 0.2715.



This preview shows how white text looks on a background with the Yxy color 60.5961, 0.2662, 0.2715.

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

60.5961, 0.2662, 0.2715

Protanopia

60.6033, 0.2717, 0.2710

Deuteranopia

60.3989, 0.2742, 0.2683



Tritanopia

60.5569, 0.2798, 0.3087

Trichromacy



Original Color

60.5961, 0.2662, 0.2715

Protanomaly

60.6864, 0.2698, 0.2719

Deuteranomaly

60.1998, 0.2710, 0.2689

Tritanomaly

60.4434, 0.2743, 0.2939

Monochromacy



Original Color

60.5961, 0.2662, 0.2715

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.3838, 0.2945, 0.3069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5961, 0.2662, 0.2715 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, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 204, 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, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 204, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.5961, 0.2662, 0.2715 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, 204, 255) }
```

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

```
.border{ border-color:rgb(184, 204, 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, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 204,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5961, 0.2662, 0.2715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 204, 255) }
```

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

```
.background{ background-color: rgb(184,  
204, 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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