

Converting Colors

Yxy(60.0743, 0.2658, 0.2726)

Have a look what the booklet for
Yxy(60.0743, 0.2658, 0.2726)
contains.

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Color

Yxy(60.2227, 0.2661, 0.2734)

Conversions

Conversions Part 1

Format	Color
Hex	B6CCFD
RGB	182, 204, 253
RGB Percent	71%, 80%, 99%
CMY	0.2861, 0.2000, 0.0080
CMYK	0.28, 0.19, 0.00, 0.01
HSL	221°, 95%, 85%
HSV	221°, 28%, 99%
XYZ	58.6147, 60.2227, 101.4358
YIQ	203.0080, -28.8410, 10.5750

Conversions

Conversions Part 2

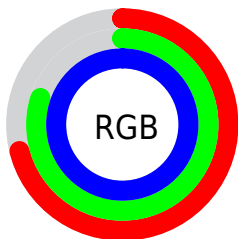
Format	Color
RYB	182, 199, 253
Decimal	11980029
CIELab	81.96, 3.35, -26.44
CIELCh	82, 26.649, 277.230
Yxy	60.2227, 0.2661, 0.2734
Android (android.graphics.Color)	4290170109 (0xFFB6CCFD)
YUV	203.0080, 24.6461, -18.4240
Hunter-Lab	77.6033, -0.9825, -23.1761

Details

The Yxy color **60.2227, 0.2661, 0.2734** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.4066, 0.3608, 0.3789**, and the grayscale version is **59.5860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **30.3874, 0.2552, 0.2604** is the 20% darker color. If you saturate the color by 10%, you get **49.5766, 0.2479, 0.2495**, and if you desaturate by 10%, it is **72.3606, 0.2837, 0.2952**.

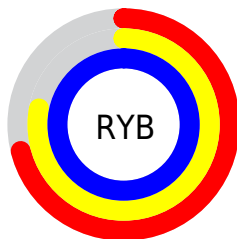
Distribution



Red (71%)

Green (80%)

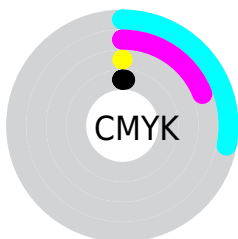
Blue (99%)



Red (71%)

Yellow (78%)

Blue (99%)

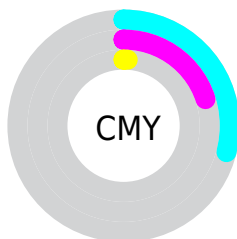


Cyan (28%)

Magenta (19%)

Yellow (0%)

Black (1%)



Cyan (29%)

Magenta (20%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2227, 0.2661, 0.2734 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 60.2227, 0.2661, 0.2734 by changing the saturation by 10% instead.

■ 60.2227, 0.2661,
0.2734

■ 60.2227, 0.2661,
0.2734

425.4182, 0.2881,
0.2994

■ 43.5982, 0.2610,
0.2674

■ 105.1527, 0.2738,
0.2825

■ 30.3547, 0.2547,
0.2601

134.2269, 0.2768,
0.2860

■ 20.1080, 0.2466,
0.2507

168.2197, 0.2793,
0.2890

■ 12.4736, 0.2360,
0.2386

207.5157, 0.2816,
0.2916

■ 7.0671, 0.2217,
0.2222

252.4991, 0.2835,
0.2939

■ 3.5041, 0.2011,
0.1991

303.5544, 0.2852,

■ 1.4002, 0.1699,

0.2960

0.1646

361.0660, 0.2868,
0.2978

0.2169, 0.0935,
0.0704

0.0000, 0.0000,
0.0000

60.2227, 0.2661,
0.2734

60.2227, 0.2661,
0.2734

49.5766, 0.2479,
0.2495

72.3606, 0.2837,
0.2952

40.3547, 0.2295,
0.2239

86.0400, 0.3003,
0.3148

32.4942, 0.2116,
0.1973

99.8698, 0.3139,
0.3309

25.9246, 0.1952,
0.1706

■ 20.5680, 0.1810,
0.1451

■ 16.3365, 0.1699,
0.1220

■ 13.1211, 0.1621,
0.1023

■ 12.5879, 0.1608,
0.0989

Harmonies

Analogous

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



60.2227, 0.2508, 0.2842



60.2227, 0.2661, 0.2734



60.2227, 0.2941, 0.2765

Triad

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



60.2227, 0.2661, 0.2734



60.2227, 0.3788, 0.3440



60.2227, 0.2946, 0.3710

Complementary

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



60.2227, 0.2661, 0.2734



81.4066, 0.3608, 0.3789

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.



60.2227, 0.3286, 0.3886



60.2227, 0.2661, 0.2734



60.2227, 0.3783, 0.3702

Square

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



60.2227, 0.2661, 0.2734



60.2227, 0.3602, 0.3159



60.2227, 0.3595, 0.3874



60.2227, 0.2665, 0.3404

Rectangle

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



60.2227, 0.2661, 0.2734



60.2227, 0.3169, 0.2855



60.2227, 0.3595, 0.3874



60.2227, 0.3057, 0.3788

Sweetspot

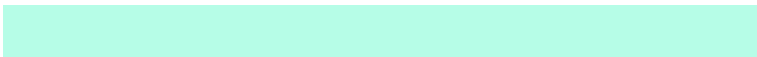
The Sweet Spot groups the original color and five complimentary colors.



60.2251, 0.2661, 0.2734



87.6762, 0.3003, 0.3149



85.9211, 0.2831, 0.3538



18.2953, 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.



60.2251, 0.2661, 0.2734



54.6759, 0.2553, 0.2594



52.1657, 0.2725, 0.2495



18.2953, 0.2979, 0.3121



6.9244, 0.1616, 0.1016



0.8586, 0.1677, 0.1237

Inverse Universe

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



58.7053, 0.3554, 0.3062



53.3232, 0.3680, 0.3011



92.1281, 0.3464, 0.4015



18.0797, 0.3245, 0.3217



11.4270, 0.5734, 0.2932



1.1312, 0.5414, 0.2756

Previews

White Background



This preview shows how the Yxy color 60.2227, 0.2661, 0.2734 looks on a white background.

Color Contrast Check

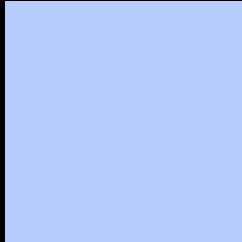
Large Text (above 18pt) WCAG AA × Fail

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 60.2227, 0.2661, 0.2734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

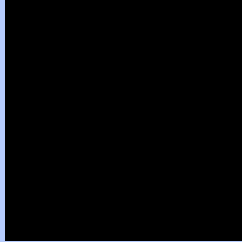
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

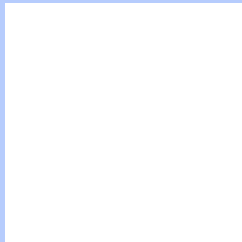
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.2227, 0.2661, 0.2734

Background



This preview shows how black text looks on a background with the Yxy color 60.2227, 0.2661, 0.2734.



This preview shows how white text looks on a background with the Yxy color 60.2227, 0.2661, 0.2734.

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

60.2227, 0.2661, 0.2734

Protanopia

59.9448, 0.2733, 0.2729

Deuteranopia

59.8729, 0.2747, 0.2681



Tritanopia

60.3220, 0.2785, 0.3086

Trichromacy



Original Color

60.2227, 0.2661, 0.2734

Protanomaly

59.9607, 0.2702, 0.2726

Deuteranomaly

60.1355, 0.2716, 0.2699

Tritanomaly

60.1468, 0.2736, 0.2949

Monochromacy



Original Color

60.2227, 0.2661, 0.2734

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.5344, 0.2944, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2227, 0.2661, 0.2734 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(182, 204, 253)` looks like.

```
.text, #text, p{  
    color:rgb(182, 204, 253)  
}
```

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(182, 204, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 204, 253) }
```

Border

The CSS property to change the border of an element to Yxy 60.2227, 0.2661, 0.2734 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(182, 204, 253) }
```

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

```
.border{ border-color:rgb(182, 204, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 204, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 204, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 204, 253);  
box-shadow:4px 4px 4px 4px rgb(182, 204,  
253) }
```


Background

The CSS property to change the background color of an element to `rgb(182, 204, 253)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 204, 253) }
```

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

```
.background{ background-color: rgb(182,  
204, 253) }
```

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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