

Converting Colors

$Yxy(60.4945, 0.2675, 0.2708)$

Have a look what the booklet for
Yxy(60.4945, 0.2675, 0.2708)
contains.

Yxy(60.3710, 0.2673, 0.2705)	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(60.3710, 0.2673, 0.2705)

Conversions

Conversions Part 1

Format	Color
Hex	BACBFF
RGB	186, 203, 255
RGB Percent	73%, 80%, 100%
CMY	0.2707, 0.2039, 0.0000
CMYK	0.27, 0.20, 0.00, 0.00
HSL	225°, 100%, 86%
HSV	225°, 27%, 100%
XYZ	59.6568, 60.3710, 103.1552
YIQ	203.8450, -26.8240, 12.5680

Conversions

Conversions Part 2

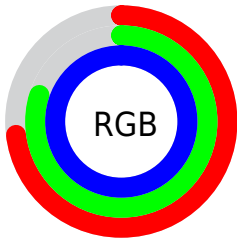
Format	Color
R _Y B	186, 200, 255
Decimal	12241919
CIE Lab	82.04, 5.51, -27.40
CIE LCh	82, 27.946, 281.382
Yxy	60.3710, 0.2673, 0.2705
Android (android.graphics.Color)	4290431999 (0xFFBACBFF)
YUV	203.8450, 25.2194, -15.6501
Hunter-Lab	77.6988, 1.0787, -24.3260

Details

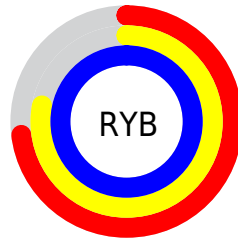
The Yxy color $60.3710, 0.2673, 0.2705$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $85.9369, 0.3579, 0.3813$, and the grayscale version is $60.1277, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.7947, 0.3054, 0.3290$, and $30.3974, 0.2559, 0.2567$ is the 20% darker color. If you saturate the color by 10%, you get $48.9390, 0.2486, 0.2446$, and if you desaturate by 10%, it is $73.4957, 0.2852, 0.2943$.

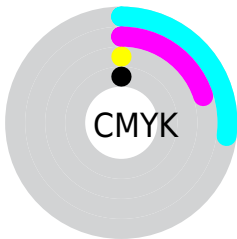
Distribution



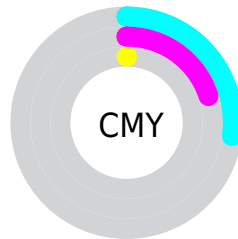
- Red (73%)
- Green (80%)
- Blue (100%)



- Red (73%)
- Yellow (78%)
- Blue (100%)



- Cyan (27%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3710, 0.2673, 0.2705 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 60.3710, 0.2673, 0.2705 by changing the saturation by 10% instead.

■ 60.3710, 0.2673,
0.2705

■ 60.3710, 0.2673,
0.2705

425.9639, 0.2888,
0.2977

■ 43.7177, 0.2623,
0.2643

■ 105.3677, 0.2748,
0.2799

■ 30.4487, 0.2561,
0.2566

134.4799, 0.2777,
0.2836

■ 20.1794, 0.2482,
0.2470

168.5138, 0.2802,
0.2868

■ 12.5255, 0.2379,
0.2345

207.8539, 0.2824,
0.2895

■ 7.1026, 0.2238,
0.2177

252.8846, 0.2843,
0.2920

■ 3.5264, 0.2037,
0.1941

303.9902, 0.2860,

■ 1.4123, 0.1732,

0.2941

0.1594

361.5552, 0.2875,
0.2960

0.2258, 0.1058,
0.0684

0.0000, 0.0000,
0.0000

60.3710, 0.2673,
0.2705

60.3710, 0.2673,
0.2705

48.9390, 0.2486,
0.2446

73.4957, 0.2852,
0.2943

39.1303, 0.2294,
0.2168

88.3819, 0.3018,
0.3155

30.8679, 0.2107,
0.1880

100.0000, 0.3127,
0.3290

24.0685, 0.1933,
0.1594

■ 18.6408, 0.1784,
0.1326

■ 14.4814, 0.1667,
0.1090

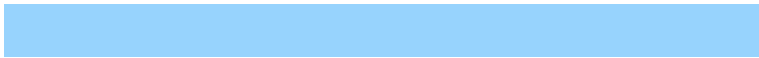
■ 11.4682, 0.1588,
0.0900

■ 10.7649, 0.1570,
0.0853

Harmonies

Analogous

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



60.3710, 0.2493, 0.2796



60.3710, 0.2673, 0.2705



60.3710, 0.2979, 0.2757

Triad

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



60.3710, 0.2673, 0.2705



60.3710, 0.3832, 0.3486



60.3710, 0.2890, 0.3693

Complementary

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



60.3710, 0.2673, 0.2705



85.9369, 0.3579, 0.3813

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.



60.3710, 0.3243, 0.3902



60.3710, 0.2673, 0.2705



60.3710, 0.3797, 0.3752

Square

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



60.3710, 0.2673, 0.2705



60.3710, 0.3663, 0.3192



60.3710, 0.3577, 0.3915



60.3710, 0.2612, 0.3360

Rectangle

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



60.3710, 0.2673, 0.2705



60.3710, 0.3222, 0.2862



60.3710, 0.3577, 0.3915



60.3710, 0.3004, 0.3781

Sweetspot

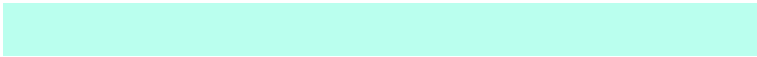
The Sweet Spot groups the original color and five complimentary colors.



60.3704, 0.2673, 0.2706



86.9183, 0.3003, 0.3136



88.1142, 0.2817, 0.3477



18.1055, 0.2979, 0.3105



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.



60.3704, 0.2673, 0.2706



54.5249, 0.2582, 0.2580



55.0572, 0.2773, 0.2532



18.1055, 0.2979, 0.3105



5.8202, 0.1577, 0.0878



0.7299, 0.1635, 0.1085

Inverse Universe

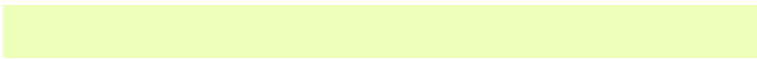
The Inverse Universe completely reimagines the original color for something new.



60.6801, 0.3572, 0.3115



55.1748, 0.3683, 0.3081



93.1971, 0.3421, 0.3996



18.0606, 0.3255, 0.3232



11.3155, 0.5946, 0.3049



1.1182, 0.5632, 0.2876

Previews

White Background



This preview shows how the Yxy color 60.3710, 0.2673, 0.2705 looks on a white background.

Color Contrast Check

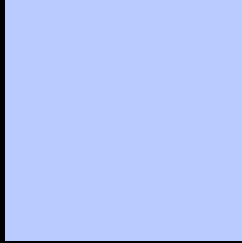
Large Text (above 18pt) WCAG AA × Fail

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 60.3710, 0.2673, 0.2705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

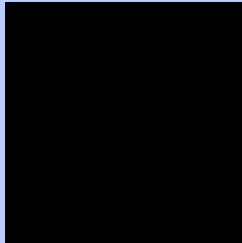
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3710, 0.2673, 0.2705

Background



This preview shows how black text looks on a background with the Yxy color 60.3710, 0.2673, 0.2705.



This preview shows how white text looks on a background with the Yxy color 60.3710, 0.2673, 0.2705.

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

60.3710, 0.2673, 0.2705

Protanopia

60.4732, 0.2710, 0.2709

Deuteranopia

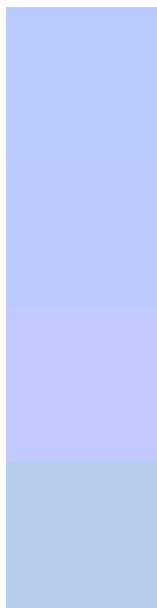
60.3989, 0.2742, 0.2683



Tritanopia

60.2513, 0.2816, 0.3087

Trichromacy



Original Color

60.3710, 0.2673, 0.2705

Protanomaly

60.2156, 0.2697, 0.2707

Deuteranomaly

60.3307, 0.2716, 0.2690

Tritanomaly

60.1438, 0.2761, 0.2939

Monochromacy



Original Color

60.3710, 0.2673, 0.2705

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 60.3710, 0.2673, 0.2705 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(186, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 203, 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(186, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 203, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.3710, 0.2673, 0.2705 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(186, 203, 255) }
```

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

```
.border{ border-color:rgb(186, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 203,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3710, 0.2673, 0.2705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 203, 255) }
```

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

```
.background{ background-color: rgb(186,  
203, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor