

Converting Colors

$Yxy(55.5004, 0.2711, 0.2709)$

Have a look what the booklet for
Yxy(55.5004, 0.2711, 0.2709)
contains.

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Color

Yxy(55.3665, 0.2709, 0.2700)

Conversions

Conversions Part 1

Format	Color
Hex	B8C2F5
RGB	184, 194, 245
RGB Percent	72%, 76%, 96%
CMY	0.2782, 0.2393, 0.0392
CMYK	0.25, 0.21, 0.00, 0.04
HSL	230°, 75%, 84%
HSV	230°, 25%, 96%
XYZ	55.5511, 55.3665, 94.1436
YIQ	196.8240, -22.3310, 13.7410

Conversions

Conversions Part 2

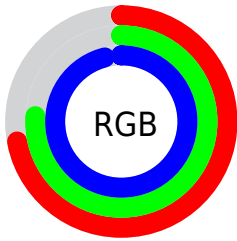
Format	Color
RYB	184, 193, 245
Decimal	12108533
CIELab	79.25, 7.47, -26.31
CIElCh	79, 27.348, 285.862
Yxy	55.3665, 0.2709, 0.2700
Android (android.graphics.Color)	4290298613 (0xFFB8C2F5)
YUV	196.8240, 23.7508, -11.2466
Hunter-Lab	74.4087, 3.0470, -22.9290

Details

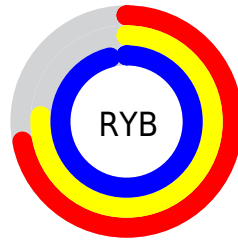
The Yxy color $55.3665, 0.2709, 0.2700$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $82.3360, 0.3526, 0.3818$, and the grayscale version is $55.5941, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.2920, 0.3042, 0.3241$, and $27.4697, 0.2600, 0.2559$ is the 20% darker color. If you saturate the color by 10%, you get $44.0917, 0.2517, 0.2416$, and if you desaturate by 10%, it is $68.4297, 0.2889, 0.2958$.

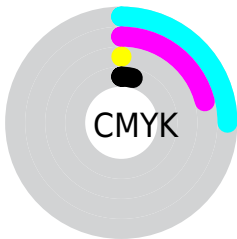
Distribution



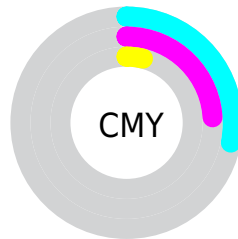
- Red (72%)
- Green (76%)
- Blue (96%)



- Red (72%)
- Yellow (76%)
- Blue (96%)



- Cyan (25%)
- Magenta (21%)
- Yellow (0%)
- Black (4%)



- Cyan (28%)
- Magenta (24%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3665, 0.2709, 0.2700 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 55.3665, 0.2709, 0.2700 by changing the saturation by 10% instead.

■ 55.3665, 0.2709,
0.2700

■ 55.3665, 0.2709,
0.2700

407.2997, 0.2911,
0.2978

■ 39.6952, 0.2661,
0.2636

■ 98.0777, 0.2780,
0.2797

■ 27.3010, 0.2601,
0.2556

125.8865, 0.2808,
0.2835

■ 17.7994, 0.2524,
0.2455

158.5098, 0.2831,
0.2867

■ 10.8061, 0.2422,
0.2322

196.3322, 0.2851,
0.2895

■ 5.9366, 0.2280,
0.2143

239.7380, 0.2869,
0.2920

■ 2.8066, 0.2071,
0.1887

289.1116, 0.2885,

■ 1.0316, 0.1743,

0.2941

0.1503

344.8373, 0.2898,
0.2961

0.0000, 0.0498,
0.0000

0.0000, 0.0000,
0.0000

55.3665, 0.2709,
0.2700

55.3665, 0.2709,
0.2700

44.0917, 0.2517,
0.2416

68.4297, 0.2889,
0.2958

34.5204, 0.2317,
0.2112

83.3480, 0.3053,
0.3188

26.5705, 0.2118,
0.1799

99.3725, 0.3185,
0.3386

20.1505, 0.1932,
0.1491

■ 15.1596, 0.1770,
0.1208

■ 11.4841, 0.1644,
0.0969

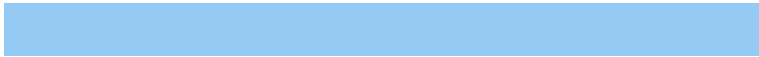
■ 8.9917, 0.1562,
0.0789

■ 8.1032, 0.1534,
0.0721

Harmonies

Analogous

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



55.3665, 0.2506, 0.2769



55.3665, 0.2709, 0.2700



55.3665, 0.3032, 0.2773

Triad

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



55.3665, 0.2709, 0.2700



55.3665, 0.3845, 0.3531



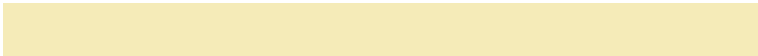
55.3665, 0.2840, 0.3651

Complementary

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



55.3665, 0.2709, 0.2700



82.3360, 0.3526, 0.3818

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.



55.3665, 0.3189, 0.3887



55.3665, 0.2709, 0.2700



55.3665, 0.3779, 0.3789

Square

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



55.3665, 0.2709, 0.2700



55.3665, 0.3704, 0.3234



55.3665, 0.3535, 0.3930



55.3665, 0.2577, 0.3307

Rectangle

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



55.3665, 0.2709, 0.2700



55.3665, 0.3278, 0.2889



55.3665, 0.3535, 0.3930



55.3665, 0.2951, 0.3747

Sweetspot

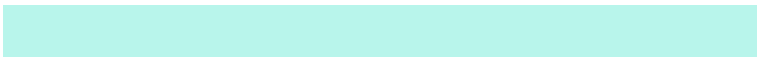
The Sweet Spot groups the original color and five complimentary colors.



55.3687, 0.2709, 0.2700



87.6040, 0.3019, 0.3141



81.4917, 0.2814, 0.3402



18.5325, 0.3010, 0.3128



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.



55.3687, 0.2709, 0.2700



53.9874, 0.2610, 0.2556



53.7908, 0.2845, 0.2610



16.3625, 0.2979, 0.3086



4.4961, 0.1539, 0.0740



0.5195, 0.1594, 0.0936

Inverse Universe

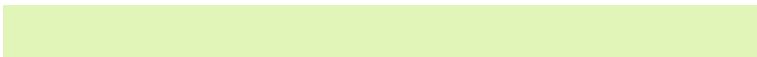
The Inverse Universe completely reimagines the original color for something new.



57.6145, 0.3568, 0.3185



57.0599, 0.3693, 0.3161



84.7251, 0.3362, 0.3942



16.5265, 0.3268, 0.3252



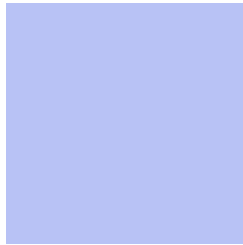
10.5532, 0.6167, 0.3171



0.9401, 0.5855, 0.2999

Previews

White Background



This preview shows how the Yxy color 55.3665, 0.2709, 0.2700 looks on a white background.

Color Contrast Check

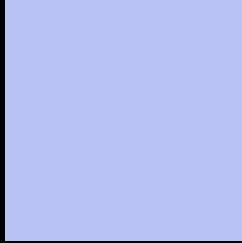
Large Text (above 18pt) WCAG AA × Fail

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 55.3665, 0.2709, 0.2700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

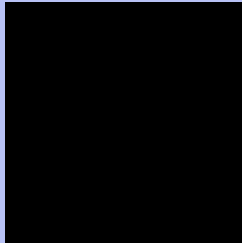
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3665, 0.2709, 0.2700

Background



This preview shows how black text looks on a background with the Yxy color 55.3665, 0.2709, 0.2700.



This preview shows how white text looks on a background with the Yxy color 55.3665, 0.2709, 0.2700.

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

55.3665, 0.2709, 0.2700

Protanopia

55.3665, 0.2709, 0.2700

Deuteranopia

55.2390, 0.2748, 0.2683



Tritanopia

55.2181, 0.2860, 0.3093

Trichromacy



Original Color

55.3665, 0.2709, 0.2700

Protanomaly

55.3665, 0.2709, 0.2700

Deuteranomaly

55.4239, 0.2735, 0.2693

Tritanomaly

55.1268, 0.2801, 0.2941

Monochromacy



Original Color

55.3665, 0.2709, 0.2700

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.5414, 0.2968, 0.3074

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3665, 0.2709, 0.2700 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, 194, 245)` looks like.

```
.text, #text, p{  
    color:rgb(184, 194, 245)  
}
```

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, 194, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 194, 245) }
```

Border

The CSS property to change the border of an element to Yxy 55.3665, 0.2709, 0.2700 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, 194, 245) }
```

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

```
.border{ border-color:rgb(184, 194, 245) }
```

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

Here you see how a box with a 4 pixel rgb(184, 194, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 194, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 194, 245);  
box-shadow:4px 4px 4px 4px rgb(184, 194,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3665, 0.2709, 0.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 194, 245) }
```

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

```
.background{ background-color: rgb(184,  
194, 245) }
```

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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