

Converting Colors

$Yxy(55.5497, 0.2677, 0.2732)$

Have a look what the booklet for
Yxy(55.5497, 0.2677, 0.2732)
contains.

Yxy(55.4765, 0.2677, 0.2728)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.4765, 0.2677, 0.2728)

Conversions

Conversions Part 1

Format	Color
Hex	B2C4F4
RGB	178, 196, 244
RGB Percent	70%, 77%, 96%
CMY	0.3018, 0.2314, 0.0430
CMYK	0.27, 0.20, 0.00, 0.04
HSL	224°, 75%, 83%
HSV	224°, 27%, 96%
XYZ	54.4394, 55.4765, 93.4437
YIQ	196.0900, -26.1360, 11.1120

Conversions

Conversions Part 2

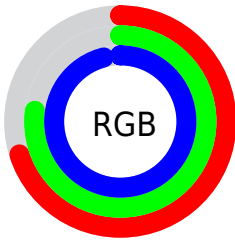
Format	Color
RYB	178, 192, 244
Decimal	11715828
CIELab	79.31, 4.40, -25.73
CIELCh	79, 26.098, 279.696
Yxy	55.4765, 0.2677, 0.2728
Android (android.graphics.Color)	4289905908 (0xFFB2C4F4)
YUV	196.0900, 23.6196, -15.8649
Hunter-Lab	74.4825, 0.1214, -22.2458

Details

The Yxy color **55.4765, 0.2677, 0.2728** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.8901, 0.3582, 0.3795**, and the grayscale version is **55.1321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1327, 0.3005, 0.3270**, and **27.2619, 0.2559, 0.2578** is the 20% darker color. If you saturate the color by 10%, you get **45.2980, 0.2492, 0.2478**, and if you desaturate by 10%, it is **67.1219, 0.2854, 0.2956**.

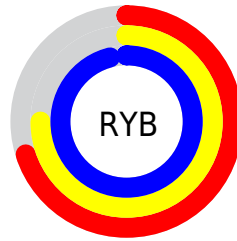
Distribution



Red (70%)

Green (77%)

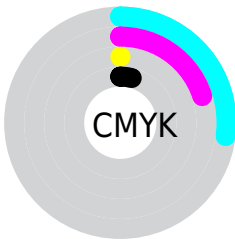
Blue (96%)



Red (70%)

Yellow (75%)

Blue (96%)

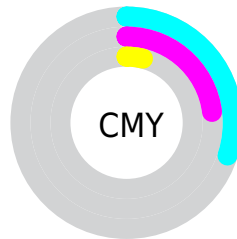


Cyan (27%)

Magenta (20%)

Yellow (0%)

Black (4%)



Cyan (30%)

Magenta (23%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4765, 0.2677, 0.2728 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 55.4765, 0.2677, 0.2728 by changing the saturation by 10% instead.

■ 55.4765, 0.2677,
0.2728

■ 55.4765, 0.2677,
0.2728

407.7156, 0.2893,
0.2994

■ 39.7834, 0.2626,
0.2666

■ 98.2388, 0.2753,
0.2821

■ 27.3697, 0.2562,
0.2589

126.0766, 0.2783,
0.2857

■ 17.8510, 0.2480,
0.2491

158.7316, 0.2808,
0.2888

■ 10.8431, 0.2372,
0.2362

196.5879, 0.2829,
0.2915

■ 5.9614, 0.2222,
0.2187

240.0301, 0.2848,
0.2939

■ 2.8216, 0.2003,
0.1934

289.4426, 0.2865,

■ 1.0393, 0.1661,

0.2959

0.1552

345.2096, 0.2880,
0.2978

0.0000, 0.0179,
0.0000

0.0000, 0.0000,
0.0000

55.4765, 0.2677,
0.2728

55.4765, 0.2677,
0.2728

45.2980, 0.2492,
0.2478

67.1219, 0.2854,
0.2956

36.5196, 0.2304,
0.2210

80.2842, 0.3019,
0.3160

29.0789, 0.2120,
0.1932

95.0190, 0.3171,
0.3341

22.9059, 0.1949,
0.1654

99.3130, 0.3191,
0.3395

■ 17.9233, 0.1801,
0.1389

■ 14.0445, 0.1685,
0.1153

■ 11.1663, 0.1604,
0.0957

■ 10.4718, 0.1585,
0.0907

Harmonies

Analogous

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



55.4765, 0.2511, 0.2825



55.4765, 0.2677, 0.2728



55.4765, 0.2967, 0.2770

Triad

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



55.4765, 0.2677, 0.2728



55.4765, 0.3799, 0.3464



55.4765, 0.2918, 0.3691

Complementary

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



55.4765, 0.2677, 0.2728



76.8901, 0.3582, 0.3795

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.



55.4765, 0.3259, 0.3882



55.4765, 0.2677, 0.2728



55.4765, 0.3778, 0.3723

Square

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



55.4765, 0.2677, 0.2728



55.4765, 0.3627, 0.3180



55.4765, 0.3576, 0.3886



55.4765, 0.2644, 0.3377

Rectangle

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



55.4765, 0.2677, 0.2728



55.4765, 0.3199, 0.2867



55.4765, 0.3576, 0.3886



55.4765, 0.3028, 0.3774

Sweetspot

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



55.4787, 0.2677, 0.2728



87.2213, 0.3003, 0.3141



79.6398, 0.2830, 0.3501



18.1814, 0.2979, 0.3112



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.



55.4787, 0.2677, 0.2728



55.4454, 0.2585, 0.2605



49.6440, 0.2759, 0.2532



16.6599, 0.2979, 0.3113



5.8864, 0.1593, 0.0933



0.6812, 0.1659, 0.1171

Inverse Universe

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



55.0820, 0.3555, 0.3098



55.2677, 0.3664, 0.3060



84.7092, 0.3436, 0.3990



16.5565, 0.3251, 0.3226



10.6936, 0.5860, 0.3002



0.9564, 0.5507, 0.2808

Previews

White Background



This preview shows how the Yxy color 55.4765, 0.2677, 0.2728 looks on a white background.

Color Contrast Check

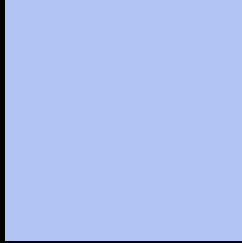
Large Text (above 18pt) WCAG AA × Fail

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 55.4765, 0.2677, 0.2728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

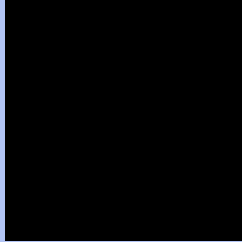
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4765, 0.2677, 0.2728

Background



This preview shows how black text looks on a background with the Yxy color 55.4765, 0.2677, 0.2728.



This preview shows how white text looks on a background with the Yxy color 55.4765, 0.2677, 0.2728.

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

55.4765, 0.2677, 0.2728

Protanopia

55.3689, 0.2727, 0.2722

Deuteranopia

55.2390, 0.2748, 0.2683



Tritanopia

55.5537, 0.2806, 0.3092

Trichromacy



Original Color

55.4765, 0.2677, 0.2728

Protanomaly

55.4464, 0.2708, 0.2731

Deuteranomaly

55.1716, 0.2721, 0.2690

Tritanomaly

55.3916, 0.2756, 0.2950

Monochromacy



Original Color

55.4765, 0.2677, 0.2728

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.1028, 0.2952, 0.3084

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4765, 0.2677, 0.2728 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(178, 196, 244)` looks like.

```
.text, #text, p{  
    color:rgb(178, 196, 244)  
}
```

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(178, 196, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 196, 244) }
```

Border

The CSS property to change the border of an element to Yxy 55.4765, 0.2677, 0.2728 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(178, 196, 244) }
```

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

```
.border{ border-color:rgb(178, 196, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 196, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 196, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 196, 244);  
box-shadow:4px 4px 4px 4px rgb(178, 196,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4765, 0.2677, 0.2728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 196, 244) }
```

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

```
.background{ background-color: rgb(178,  
196, 244) }
```

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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