

Converting Colors

Yxy(55.2868, 0.2587, 0.2429)

Have a look what the booklet for
Yxy(55.2868, 0.2587, 0.2429)
contains.

Yxy(54.4860, 0.2658, 0.2554)	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(54.4860, 0.2658, 0.2554)

Conversions

Conversions Part 1

Format	Color
Hex	BABEFF
RGB	186, 190, 255
RGB Percent	73%, 75%, 100%
CMY	0.2708, 0.2548, 0.0000
CMYK	0.27, 0.25, 0.00, 0.00
HSL	236°, 100%, 86%
HSV	236°, 27%, 100%
XYZ	56.7047, 54.4860, 102.1452
YIQ	196.2140, -23.2490, 19.3670

Conversions

Conversions Part 2

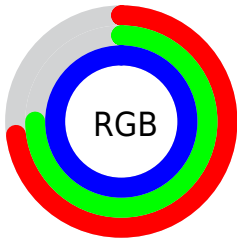
Format	Color
R _Y B	186, 190, 255
Decimal	12238591
CIE Lab	78.74, 12.54, -32.43
CIE LCh	79, 34.773, 291.133
Yxy	54.4860, 0.2658, 0.2554
Android (android.graphics.Color)	4290428671 (0xFFBABEFF)
YUV	196.2140, 28.9815, -8.9577
Hunter-Lab	73.8146, 7.9488, -30.3757

Details

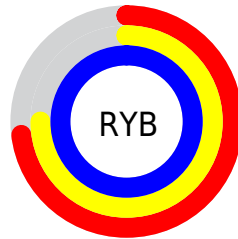
The Yxy color **54.4860, 0.2658, 0.2554** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.7539, 0.3548, 0.3933**, and the grayscale version is **55.1666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1862, 0.3055, 0.3202**, and **26.7938, 0.2536, 0.2384** is the 20% darker color. If you saturate the color by 10%, you get **42.0199, 0.2454, 0.2228**, and if you desaturate by 10%, it is **69.2360, 0.2847, 0.2853**.

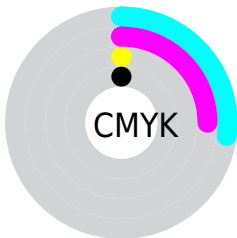
Distribution



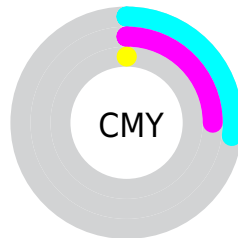
- Red (73%)
- Green (75%)
- Blue (100%)



- Red (73%)
- Yellow (75%)
- Blue (100%)



- Cyan (27%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4860, 0.2658, 0.2554 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 54.4860, 0.2658, 0.2554 by changing the saturation by 10% instead.

■ 54.4860, 0.2658,
0.2554

■ 54.4860, 0.2658,
0.2554

403.9606, 0.2885,
0.2896

■ 38.9903, 0.2604,
0.2476

■ 96.7875, 0.2738,
0.2673

■ 26.7522, 0.2537,
0.2380

124.3621, 0.2769,
0.2719

■ 17.3872, 0.2451,
0.2260

156.7317, 0.2796,
0.2759

■ 10.5110, 0.2337,
0.2105

194.2809, 0.2818,
0.2793

■ 5.7390, 0.2179,
0.1898

237.3940, 0.2838,
0.2824

■ 2.6870, 0.1952,
0.1614

286.4554, 0.2856,

■ 0.9706, 0.1605,

0.2851

0.1210

341.8494, 0.2871,
0.2875

0.0000, 0.0619,
0.0000

0.0000, 0.0000,
0.0000

54.4860, 0.2658,
0.2554

54.4860, 0.2658,
0.2554

42.0199, 0.2454,
0.2228

69.2360, 0.2847,
0.2853

31.7197, 0.2242,
0.1886

86.3719, 0.3018,
0.3121

23.4629, 0.2034,
0.1545

100.0000, 0.3127,
0.3290

17.1131, 0.1844,
0.1228

■ 12.5174, 0.1688,
0.0960

■ 9.4992, 0.1578,
0.0763

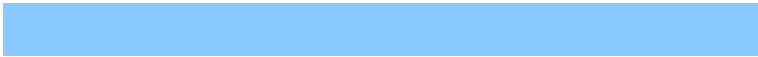
■ 7.8433, 0.1518,
0.0646

■ 7.5625, 0.1507,
0.0626

Harmonies

Analogous

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



54.4860, 0.2377, 0.2601



54.4860, 0.2658, 0.2554



54.4860, 0.3082, 0.2675

Triad

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



54.4860, 0.2658, 0.2554



54.4860, 0.4050, 0.3645



54.4860, 0.2689, 0.3683

Complementary

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



54.4860, 0.2658, 0.2554



93.7539, 0.3548, 0.3933

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.



54.4860, 0.3117, 0.4029



54.4860, 0.2658, 0.2554



54.4860, 0.3915, 0.3961

Square

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



54.4860, 0.2658, 0.2554



54.4860, 0.3916, 0.3276



54.4860, 0.3568, 0.4122



54.4860, 0.2391, 0.3225

Rectangle

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



54.4860, 0.2658, 0.2554



54.4860, 0.3398, 0.2834



54.4860, 0.3568, 0.4122



54.4860, 0.2822, 0.3820

Sweetspot

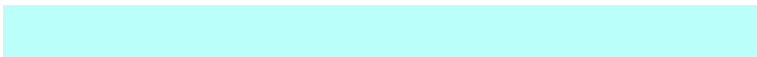
The Sweet Spot groups the original color and five complimentary colors.



54.4874, 0.2658, 0.2554



84.6913, 0.3003, 0.3097



88.8797, 0.2754, 0.3338



17.5494, 0.2978, 0.3059



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.



54.4874, 0.2658, 0.2554



48.0740, 0.2559, 0.2397



56.8954, 0.2865, 0.2551



17.5494, 0.2978, 0.3059



4.0182, 0.1510, 0.0635



0.4489, 0.1533, 0.0717

Inverse Universe

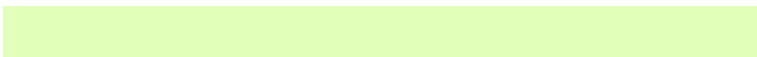
The Inverse Universe completely reimagines the original color for something new.



60.0746, 0.3682, 0.3249



54.5235, 0.3824, 0.3241



91.0830, 0.3338, 0.4016



18.0044, 0.3285, 0.3276



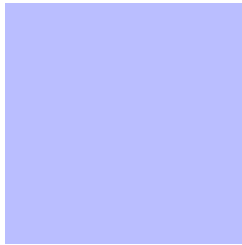
11.1336, 0.6341, 0.3267



1.0899, 0.6204, 0.3191

Previews

White Background



This preview shows how the Yxy color 54.4860, 0.2658, 0.2554 looks on a white background.

Color Contrast Check

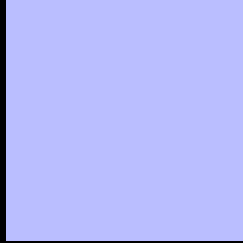
Large Text (above 18pt) WCAG AA × Fail

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 54.4860, 0.2658, 0.2554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

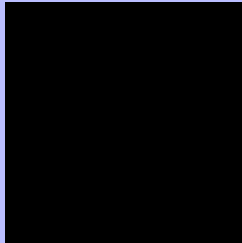
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4860, 0.2658, 0.2554

Background



This preview shows how black text looks on a background with the Yxy color 54.4860, 0.2658, 0.2554.



This preview shows how white text looks on a background with the Yxy color 54.4860, 0.2658, 0.2554.

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

54.4860, 0.2658, 0.2554

Protanopia

54.3843, 0.2609, 0.2567

Deuteranopia

54.3054, 0.2627, 0.2559



Tritanopia

54.6572, 0.2872, 0.3105

Trichromacy



Original Color

54.4860, 0.2658, 0.2554

Protanomaly

54.3054, 0.2627, 0.2559

Deuteranomaly

54.5489, 0.2640, 0.2562

Tritanomaly

54.4554, 0.2794, 0.2894

Monochromacy



Original Color

54.4860, 0.2658, 0.2554

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.7998, 0.2947, 0.3015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4860, 0.2658, 0.2554 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, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 190, 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, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 190, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.4860, 0.2658, 0.2554 is called "border". The border property can be set on classes, ids or directly on the HTML element.

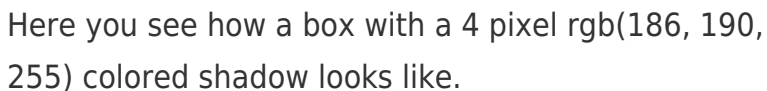
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 190, 255) }
```

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

```
.border{ border-color:rgb(186, 190, 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, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 190,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4860, 0.2658, 0.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 190, 255) }
```

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

```
.background{ background-color: rgb(186,  
190, 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