

Converting Colors

$Yxy(47.6340, 0.2535, 0.2462)$

Have a look what the booklet for
Yxy(47.6340, 0.2535, 0.2462)
contains.

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Color

Yxy(47.5440, 0.2535, 0.2455)

Conversions

Conversions Part 1

Format	Color
Hex	A5B4FA
RGB	165, 180, 250
RGB Percent	65%, 71%, 98%
CMY	0.3529, 0.2941, 0.0196
CMYK	0.34, 0.28, 0.00, 0.02
HSL	229°, 89%, 81%
HSV	229°, 34%, 98%
XYZ	49.0933, 47.5440, 97.0246
YIQ	183.4950, -31.4100, 18.5900

Conversions

Conversions Part 2

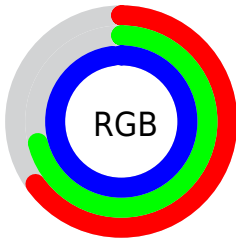
Format	Color
R _Y B	165, 178, 250
Decimal	10859770
CIE Lab	74.54, 10.93, -36.36
CIE LCh	75, 37.968, 286.730
Yxy	47.5440, 0.2535, 0.2455
Android (android.graphics.Color)	4289049850 (0xFFA5B4FA)
YUV	183.4950, 32.7870, -16.2201
Hunter-Lab	68.9522, 6.4241, -35.1622

Details

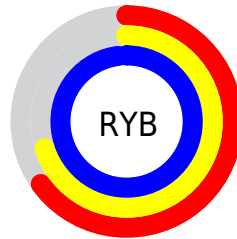
The Yxy color **47.5440, 0.2535, 0.2455** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **82.4547, 0.3687, 0.4005**, and the grayscale version is **47.4708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.7405, 0.2924, 0.3095**, and **22.3440, 0.2376, 0.2245** is the 20% darker color. If you saturate the color by 10%, you get **37.4172, 0.2337, 0.2157**, and if you desaturate by 10%, it is **59.4330, 0.2726, 0.2733**.

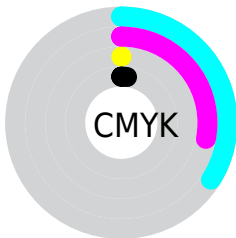
Distribution



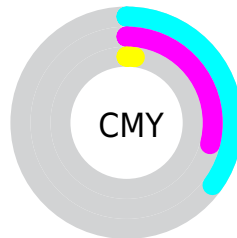
- Red (65%)
- Green (71%)
- Blue (98%)



- Red (65%)
- Yellow (70%)
- Blue (98%)



- Cyan (34%)
- Magenta (28%)
- Yellow (0%)
- Black (2%)



- Cyan (35%)
- Magenta (29%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5440, 0.2535, 0.2455 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 47.5440, 0.2535, 0.2455 by changing the saturation by 10% instead.


 47.5440, 0.2535,
0.2455


 47.5440, 0.2535,
0.2455


376.9818, 0.2825,
0.2851

 33.4659, 0.2465,
0.2364

 86.5251, 0.2639,
0.2593

 22.4836, 0.2378,
0.2251


 112.1969, 0.2678,
0.2647

 14.2127, 0.2266,
0.2108


142.5020, 0.2712,
0.2693

 8.2687, 0.2117,
0.1923

177.8249, 0.2741,
0.2733

 4.2674, 0.1911,
0.1676

218.5499, 0.2766,
0.2768

 1.8242, 0.1617,
0.1339

265.0615, 0.2788,

 0.5022, 0.1185,

0.2799

0.0800

317.7440, 0.2808,
0.2826

0.0000, 0.0000,
0.0000

47.5440, 0.2535,
0.2455

47.5440, 0.2535,
0.2455

37.4172, 0.2337,
0.2157

59.4330, 0.2726,
0.2733

28.9623, 0.2139,
0.1848

73.1578, 0.2904,
0.2984

22.0890, 0.1953,
0.1542

88.7945, 0.3067,
0.3208

16.6959, 0.1789,
0.1257

99.6816, 0.3156,
0.3338

12.6695, 0.1660,
0.1012

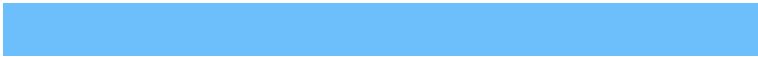
■ 9.8778, 0.1573,
0.0822

■ 8.7112, 0.1538,
0.0738

Harmonies

Analogous

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



47.5440, 0.2250, 0.2533



47.5440, 0.2535, 0.2455



47.5440, 0.2995, 0.2566

Triad

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



47.5440, 0.2535, 0.2455



47.5440, 0.4179, 0.3623



47.5440, 0.2690, 0.3814

Complementary

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



47.5440, 0.2535, 0.2455



82.4547, 0.3687, 0.4005

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.



47.5440, 0.3187, 0.4180



47.5440, 0.2535, 0.2455



47.5440, 0.4063, 0.4000

Square

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



47.5440, 0.2535, 0.2455



47.5440, 0.3983, 0.3208



47.5440, 0.3692, 0.4230



47.5440, 0.2329, 0.3287

Rectangle

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



47.5440, 0.2535, 0.2455



47.5440, 0.3355, 0.2730



47.5440, 0.3692, 0.4230



47.5440, 0.2846, 0.3965

Sweetspot

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



47.5458, 0.2535, 0.2455



82.8056, 0.2971, 0.3077



82.3308, 0.2720, 0.3465



17.2418, 0.2947, 0.3045



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.



47.5458, 0.2535, 0.2455



42.0845, 0.2396, 0.2247



45.0111, 0.2705, 0.2323



17.1380, 0.2979, 0.3088



4.7653, 0.1544, 0.0758



0.5738, 0.1597, 0.0950

Inverse Universe

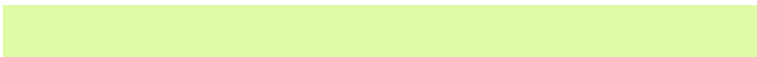
The Inverse Universe completely reimagines the original color for something new.



50.5314, 0.3788, 0.3132



46.0773, 0.3993, 0.3099



86.7841, 0.3454, 0.4196



17.2752, 0.3266, 0.3248



10.8920, 0.6137, 0.3154



1.0222, 0.5835, 0.2988

Previews

White Background



This preview shows how the Yxy color 47.5440, 0.2535, 0.2455 looks on a white background.

Color Contrast Check

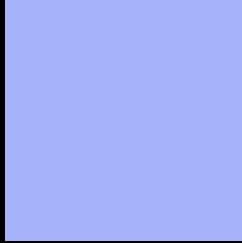
Large Text (above 18pt) WCAG AA × Fail

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 47.5440, 0.2535, 0.2455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

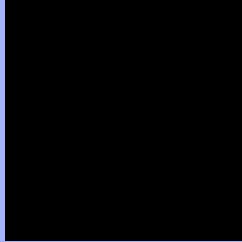
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.5440, 0.2535, 0.2455

Background



This preview shows how black text looks on a background with the Yxy color 47.5440, 0.2535, 0.2455.



This preview shows how white text looks on a background with the Yxy color 47.5440, 0.2535, 0.2455.

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

47.5440, 0.2535, 0.2455

Protanopia

47.7364, 0.2524, 0.2464

Deuteranopia

47.7364, 0.2524, 0.2464



Tritanopia

47.7234, 0.2759, 0.3090

Trichromacy



Original Color

47.5440, 0.2535, 0.2455

Protanomaly

47.8424, 0.2530, 0.2466

Deuteranomaly

47.8424, 0.2530, 0.2466

Tritanomaly

47.7092, 0.2675, 0.2842

Monochromacy



Original Color

47.5440, 0.2535, 0.2455

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.1910, 0.2890, 0.2972

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5440, 0.2535, 0.2455 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(165, 180, 250)` looks like.

```
.text, #text, p{  
    color:rgb(165, 180, 250)  
}
```

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(165, 180, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 180, 250) }
```

Border

The CSS property to change the border of an element to Yxy 47.5440, 0.2535, 0.2455 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(165, 180, 250) }
```

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

```
.border{ border-color:rgb(165, 180, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 180, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 180, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 180, 250);  
box-shadow:4px 4px 4px 4px rgb(165, 180,  
250) }
```


Background

The CSS property to change the background color of an element to `rgb(47.5440, 0.2535, 0.2455)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 180, 250) }
```

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

```
.background{ background-color: rgb(165,  
180, 250) }
```

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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