

Converting Colors

$Yxy(55.4805, 0.2541, 0.2335)$

Have a look what the booklet for
Yxy(55.4805, 0.2541, 0.2335)
contains.

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Color

Yxy(54.1800, 0.2664, 0.2544)

Conversions

Conversions Part 1

Format	Color
Hex	BBBDFE
RGB	187, 189, 255
RGB Percent	73%, 74%, 100%
CMY	0.2667, 0.2588, 0.0001
CMYK	0.27, 0.26, 0.00, 0.00
HSL	238°, 100%, 87%
HSV	238°, 27%, 100%
XYZ	56.7357, 54.1800, 102.0560
YIQ	195.9260, -22.3780, 20.1020

Conversions

Conversions Part 2

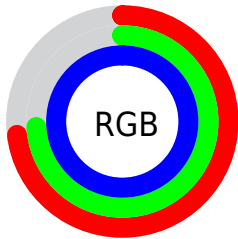
Format	Color
R _Y B	187, 189, 255
Decimal	12303871
CIE Lab	78.57, 13.38, -32.68
CIE LCh	79, 35.316, 292.262
Yxy	54.1800, 0.2664, 0.2544
Android (android.graphics.Color)	4290493951 (0xFFBBBDDFF)
YUV	195.9260, 29.1235, -7.8281
Hunter-Lab	73.6071, 8.7738, -30.6805

Details

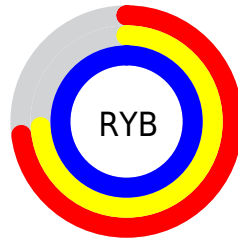
The Yxy color **54.1800, 0.2664, 0.2544** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.0662, 0.3536, 0.3941**, and the grayscale version is **54.9876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7579, 0.3062, 0.3192**, and **26.5911, 0.2542, 0.2371** is the 20% darker color. If you saturate the color by 10%, you get **41.4952, 0.2458, 0.2209**, and if you desaturate by 10%, it is **69.2553, 0.2854, 0.2851**.

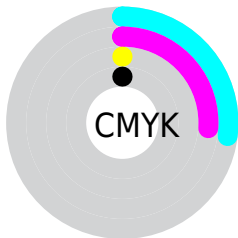
Distribution



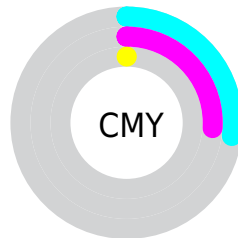
- Red (73%)
- Green (74%)
- Blue (100%)



- Red (73%)
- Yellow (74%)
- Blue (100%)



- Cyan (27%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1800, 0.2664, 0.2544 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 54.1800, 0.2664, 0.2544 by changing the saturation by 10% instead.

■ 54.1800, 0.2664,
0.2544

■ 54.1800, 0.2664,
0.2544

402.7960, 0.2889,
0.2891

■ 38.7456, 0.2611,
0.2465

■ 96.3385, 0.2744,
0.2664

■ 26.5619, 0.2544,
0.2368

123.8313, 0.2774,
0.2711

■ 17.2444, 0.2458,
0.2247

156.1125, 0.2800,
0.2751

■ 10.4089, 0.2345,
0.2090

193.5663, 0.2823,
0.2786

■ 5.6709, 0.2188,
0.1881

236.5771, 0.2842,
0.2817

■ 2.6460, 0.1961,
0.1594

285.5295, 0.2860,

■ 0.9499, 0.1614,

0.2845

0.1189

340.8076, 0.2875,
0.2869

0.0000, 0.0627,
0.0000

0.0000, 0.0000,
0.0000

54.1800, 0.2664,
0.2544

54.1800, 0.2664,
0.2544

41.4952, 0.2458,
0.2209

69.2553, 0.2854,
0.2851

31.0721, 0.2243,
0.1858

86.8282, 0.3025,
0.3126

22.7798, 0.2032,
0.1511

99.9986, 0.3127,
0.3290

16.4712, 0.1840,
0.1191

■ 11.9805, 0.1682,
0.0925

■ 9.1153, 0.1572,
0.0736

■ 7.6392, 0.1514,
0.0631

■ 7.3832, 0.1504,
0.0612

Harmonies

Analogous

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



54.1800, 0.2372, 0.2585



54.1800, 0.2664, 0.2544



54.1800, 0.3099, 0.2673

Triad

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



54.1800, 0.2664, 0.2544



54.1800, 0.4066, 0.3664



54.1800, 0.2667, 0.3673

Complementary

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



54.1800, 0.2664, 0.2544



95.0662, 0.3536, 0.3941

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.



54.1800, 0.3099, 0.4034



54.1800, 0.2664, 0.2544



54.1800, 0.3918, 0.3982

Square

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



54.1800, 0.2664, 0.2544



54.1800, 0.3940, 0.3289



54.1800, 0.3559, 0.4138



54.1800, 0.2371, 0.3206

Rectangle

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



54.1800, 0.2664, 0.2544



54.1800, 0.3421, 0.2837



54.1800, 0.3559, 0.4138



54.1800, 0.2800, 0.3815

Sweetspot

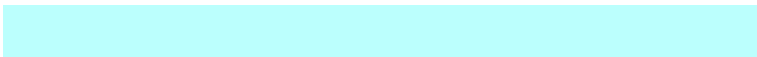
The Sweet Spot groups the original color and five complimentary colors.



54.1821, 0.2664, 0.2544



84.3493, 0.3003, 0.3091



89.1431, 0.2748, 0.3313



17.4642, 0.2978, 0.3051



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.



54.1821, 0.2664, 0.2544



47.1327, 0.2556, 0.2368



57.7710, 0.2886, 0.2567



17.4642, 0.2978, 0.3051



3.8961, 0.1505, 0.0618



0.4085, 0.1517, 0.0660

Inverse Universe

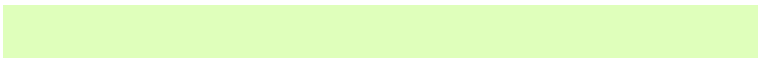
The Inverse Universe completely reimagines the original color for something new.



60.4666, 0.3688, 0.3271



54.4285, 0.3846, 0.3267



90.8213, 0.3320, 0.4008



17.9958, 0.3290, 0.3283



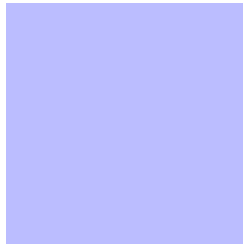
11.1213, 0.6371, 0.3283



1.0858, 0.6299, 0.3244

Previews

White Background



This preview shows how the Yxy color 54.1800, 0.2664, 0.2544 looks on a white background.

Color Contrast Check

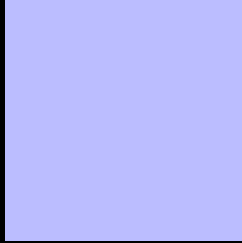
Large Text (above 18pt) WCAG AA × Fail

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 54.1800, 0.2664, 0.2544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

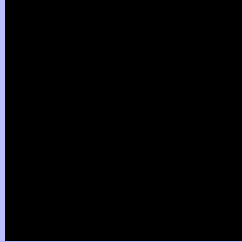
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1800, 0.2664, 0.2544

Background



This preview shows how black text looks on a background with the Yxy color 54.1800, 0.2664, 0.2544.



This preview shows how white text looks on a background with the Yxy color 54.1800, 0.2664, 0.2544.

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

54.1800, 0.2664, 0.2544

Protanopia

54.2664, 0.2602, 0.2566

Deuteranopia

54.1849, 0.2620, 0.2558



Tritanopia

54.3203, 0.2879, 0.3092

Trichromacy



Original Color

54.1800, 0.2664, 0.2544

Protanomaly

54.3054, 0.2627, 0.2559

Deuteranomaly

54.1142, 0.2639, 0.2550

Tritanomaly

54.1301, 0.2800, 0.2882

Monochromacy



Original Color

54.1800, 0.2664, 0.2544

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.4871, 0.2954, 0.3003

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1800, 0.2664, 0.2544 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(187, 189, 255)` looks like.

```
.text, #text, p{  
  color:rgb(187, 189, 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(187, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 189, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.1800, 0.2664, 0.2544 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(187, 189, 255) }
```

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

```
.border{ border-color:rgb(187, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(187, 189,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1800, 0.2664, 0.2544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 189, 255) }
```

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

```
.background{ background-color: rgb(187,  
189, 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](#).

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