

Converting Colors

Yxy(54.5179, 0.2613, 0.2468)

Have a look what the booklet for
Yxy(54.5179, 0.2613, 0.2468)
contains.

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Color

Yxy(54.0543, 0.2657, 0.2542)

Conversions

Conversions Part 1

Format	Color
Hex	BABDFE
RGB	186, 189, 255
RGB Percent	73%, 74%, 100%
CMY	0.2706, 0.2588, 0.0000
CMYK	0.27, 0.26, 0.00, 0.00
HSL	237°, 100%, 86%
HSV	237°, 27%, 100%
XYZ	56.4997, 54.0543, 102.0908
YIQ	195.6270, -22.9740, 19.8900

Conversions

Conversions Part 2

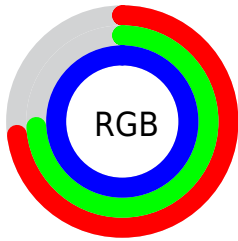
Format	Color
R _{YB}	186, 189, 255
Decimal	12238335
CIE Lab	78.49, 13.11, -32.83
CIE LCh	78, 35.353, 291.768
Yxy	54.0543, 0.2657, 0.2542
Android (android.graphics.Color)	4290428415 (0xFFBABDFF)
YUV	195.6270, 29.2709, -8.4429
Hunter-Lab	73.5216, 8.5104, -30.8638

Details

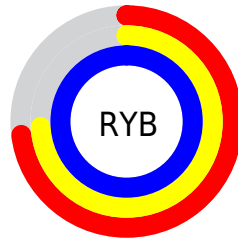
The Yxy color **54.0543, 0.2657, 0.2542** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.4205, 0.3545, 0.3942**, and the grayscale version is **54.7978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5795, 0.3055, 0.3192**, and **26.5108, 0.2534, 0.2369** is the 20% darker color. If you saturate the color by 10%, you get **41.5156, 0.2452, 0.2211**, and if you desaturate by 10%, it is **68.9269, 0.2847, 0.2846**.

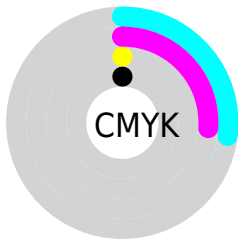
Distribution



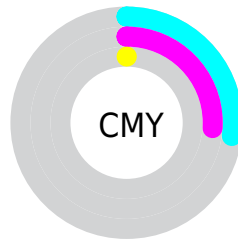
- Red (73%)
- Green (74%)
- Blue (100%)



- 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 54.0543, 0.2657, 0.2542 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 54.0543, 0.2657, 0.2542 by changing the saturation by 10% instead.

■ 54.0543, 0.2657,
0.2542

■ 54.0543, 0.2657,
0.2542

402.3170, 0.2885,
0.2890

■ 38.6451, 0.2603,
0.2463

■ 96.1540, 0.2738,
0.2663

■ 26.4837, 0.2535,
0.2366

123.6132, 0.2769,
0.2710

■ 17.1859, 0.2448,
0.2243

155.8579, 0.2795,
0.2750

■ 10.3671, 0.2333,
0.2086

193.2724, 0.2818,
0.2785

■ 5.6430, 0.2175,
0.1876

236.2412, 0.2838,
0.2816

■ 2.6293, 0.1945,
0.1588

285.1487, 0.2856,

■ 0.9414, 0.1595,

0.2844

0.1181

340.3791, 0.2871,
0.2868

■ 0.0000, 0.0578,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0543, 0.2657,
0.2542

■ 54.0543, 0.2657,
0.2542

■ 41.5156, 0.2452,
0.2211

■ 68.9269, 0.2847,
0.2846

■ 31.1924, 0.2239,
0.1864

■ 86.2436, 0.3018,
0.3118

■ 22.9558, 0.2029,
0.1520

100.0000, 0.3127,
0.3290

■ 16.6636, 0.1838,
0.1202

■ 12.1559, 0.1682,
0.0937

■ 9.2472, 0.1573,
0.0745

■ 7.7102, 0.1515,
0.0636

■ 7.4620, 0.1505,
0.0618

Harmonies

Analogous

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



54.0543, 0.2367, 0.2586



54.0543, 0.2657, 0.2542



54.0543, 0.3091, 0.2668

Triad

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



54.0543, 0.2657, 0.2542



54.0543, 0.4068, 0.3658



54.0543, 0.2672, 0.3681

Complementary

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



54.0543, 0.2657, 0.2542



94.4205, 0.3545, 0.3942

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.



54.0543, 0.3107, 0.4040



54.0543, 0.2657, 0.2542



54.0543, 0.3924, 0.3978

Square

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



54.0543, 0.2657, 0.2542



54.0543, 0.3938, 0.3283



54.0543, 0.3566, 0.4139



54.0543, 0.2374, 0.3213

Rectangle

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



54.0543, 0.2657, 0.2542



54.0543, 0.3413, 0.2832



54.0543, 0.3566, 0.4139



54.0543, 0.2807, 0.3823

Sweetspot

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



54.0543, 0.2657, 0.2542



84.5114, 0.3003, 0.3094



88.9580, 0.2748, 0.3326



17.5046, 0.2978, 0.3055



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.



54.0543, 0.2657, 0.2542



47.5774, 0.2557, 0.2382



57.0939, 0.2873, 0.2554



17.5046, 0.2978, 0.3055



3.9536, 0.1507, 0.0626



0.4277, 0.1524, 0.0687

Inverse Universe

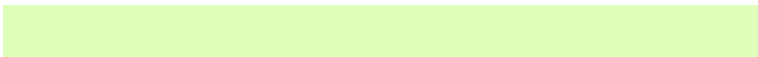
The Inverse Universe completely reimagines the original color for something new.



60.0493, 0.3691, 0.3260



54.4734, 0.3835, 0.3255



90.9037, 0.3330, 0.4017



17.9999, 0.3288, 0.3280



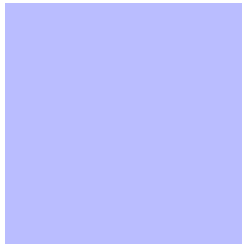
11.1271, 0.6357, 0.3276



1.0877, 0.6254, 0.3219

Previews

White Background



This preview shows how the Yxy color 54.0543, 0.2657, 0.2542 looks on a white background.

Color Contrast Check

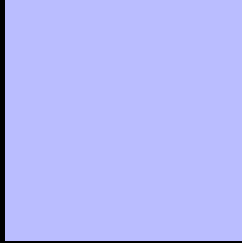
Large Text (above 18pt) WCAG AA × Fail

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 54.0543, 0.2657, 0.2542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

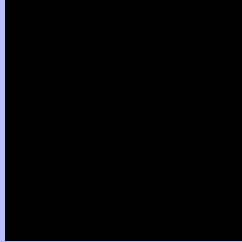
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0543, 0.2657, 0.2542

Background



This preview shows how black text looks on a background with the Yxy color 54.0543, 0.2657, 0.2542.



This preview shows how white text looks on a background with the Yxy color 54.0543, 0.2657, 0.2542.

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

54.0543, 0.2657, 0.2542

Protanopia

54.2664, 0.2602, 0.2566

Deuteranopia

54.1849, 0.2620, 0.2558



Tritanopia

54.0837, 0.2864, 0.3092

Trichromacy



Original Color

54.0543, 0.2657, 0.2542

Protanomaly

54.1849, 0.2620, 0.2558

Deuteranomaly

53.9920, 0.2632, 0.2549

Tritanomaly

53.8883, 0.2786, 0.2881

Monochromacy



Original Color

54.0543, 0.2657, 0.2542

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.3562, 0.2946, 0.3003

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0543, 0.2657, 0.2542 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, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 189, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.0543, 0.2657, 0.2542 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, 189, 255) }
```

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

```
.border{ border-color:rgb(186, 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(186, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 189,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0543, 0.2657, 0.2542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 189, 255) }
```

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

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