

Converting Colors

Yxy(54.6585, 0.2204, 0.1822)

Have a look what the booklet for
Yxy(54.6585, 0.2204, 0.1822)
contains.

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Color

Yxy(48.5204, 0.2546, 0.2414)

Conversions

Conversions Part 1

Format	Color
Hex	ABB4FF
RGB	171, 180, 255
RGB Percent	67%, 71%, 100%
CMY	0.3293, 0.2941, 0.0000
CMYK	0.33, 0.29, 0.00, 0.00
HSL	234°, 100%, 84%
HSV	234°, 33%, 100%
XYZ	51.1735, 48.5204, 101.3019
YIQ	185.8590, -29.4390, 21.4170

Conversions

Conversions Part 2

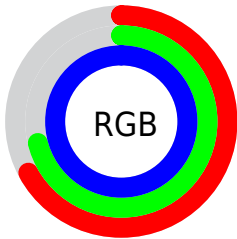
Format	Color
RYB	171, 179, 255
Decimal	11252991
CIELab	75.15, 13.86, -38.09
CIElCh	75, 40.532, 290.002
Yxy	48.5204, 0.2546, 0.2414
Android (android.graphics.Color)	4289443071 (0xFFABB4FF)
YUV	185.8590, 34.0865, -13.0313
Hunter-Lab	69.6566, 9.2369, -37.4661

Details

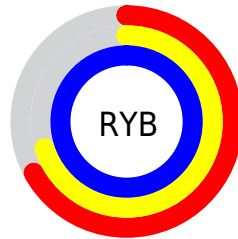
The Yxy color **48.5204, 0.2546, 0.2414** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **90.1342, 0.3652, 0.4036**, and the grayscale version is **48.8394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7049, 0.2961, 0.3097**, and **22.9690, 0.2391, 0.2198** is the 20% darker color. If you saturate the color by 10%, you get **37.4743, 0.2341, 0.2093**, and if you desaturate by 10%, it is **61.6297, 0.2741, 0.2714**.

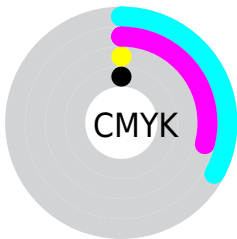
Distribution



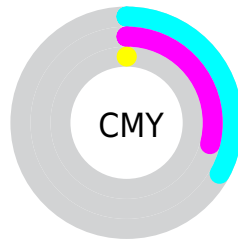
- Red (67%)
- Green (71%)
- Blue (100%)



- Red (67%)
- Yellow (70%)
- Blue (100%)



- Cyan (33%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.5204, 0.2546, 0.2414 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 48.5204, 0.2546, 0.2414 by changing the saturation by 10% instead.

■ 48.5204, 0.2546,
0.2414

■ 48.5204, 0.2546,
0.2414

■ 380.8512, 0.2831,
0.2825

■ 34.2392, 0.2478,
0.2320

■ 87.9787, 0.2647,
0.2557

■ 23.0774, 0.2393,
0.2205

■ 113.9246, 0.2686,
0.2612

■ 14.6507, 0.2283,
0.2060

■ 144.5275, 0.2719,
0.2660

■ 8.5746, 0.2138,
0.1873

■ 180.1719, 0.2748,
0.2702

■ 4.4648, 0.1939,
0.1628

■ 221.2420, 0.2772,
0.2738

■ 1.9368, 0.1655,
0.1297

■ 268.1223, 0.2794,

■ 0.5704, 0.1242,

0.2771

0.0804

321.1973, 0.2814,
0.2799

0.0000, 0.0000,
0.0000

48.5204, 0.2546,
0.2414

48.5204, 0.2546,
0.2414

37.4743, 0.2341,
0.2093

61.6297, 0.2741,
0.2714

28.3862, 0.2135,
0.1763

76.9006, 0.2921,
0.2985

21.1409, 0.1940,
0.1440

94.4248, 0.3083,
0.3225

15.6112, 0.1769,
0.1148

100.0000, 0.3127,
0.3290

11.6536, 0.1637,
0.0907

■ 9.1004, 0.1551,
0.0736

■ 8.0142, 0.1516,
0.0659

Harmonies

Analogous

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



48.5204, 0.2224, 0.2471



48.5204, 0.2546, 0.2414



48.5204, 0.3047, 0.2552

Triad

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



48.5204, 0.2546, 0.2414



48.5204, 0.4245, 0.3683



48.5204, 0.2612, 0.3790

Complementary

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



48.5204, 0.2546, 0.2414



90.1342, 0.3652, 0.4036

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.



48.5204, 0.3127, 0.4211



48.5204, 0.2546, 0.2414



48.5204, 0.4084, 0.4074

Square

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



48.5204, 0.2546, 0.2414



48.5204, 0.4073, 0.3247



48.5204, 0.3667, 0.4298



48.5204, 0.2256, 0.3223

Rectangle

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



48.5204, 0.2546, 0.2414



48.5204, 0.3430, 0.2734



48.5204, 0.3667, 0.4298



48.5204, 0.2772, 0.3960

Sweetspot

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



48.5202, 0.2546, 0.2414



81.7989, 0.2970, 0.3058



86.7860, 0.2703, 0.3396



17.0003, 0.2947, 0.3023



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.



48.5202, 0.2546, 0.2414



40.5037, 0.2402, 0.2189



49.0830, 0.2762, 0.2366



17.6897, 0.2979, 0.3071



4.2878, 0.1520, 0.0673



0.5151, 0.1558, 0.0809

Inverse Universe

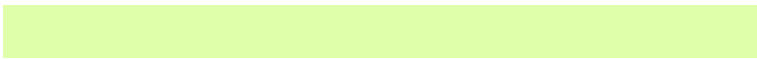
The Inverse Universe completely reimagines the original color for something new.



53.6910, 0.3814, 0.3198



46.7188, 0.4035, 0.3178



90.1192, 0.3407, 0.4179



18.0186, 0.3278, 0.3265



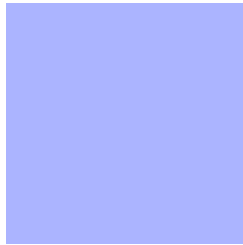
11.1608, 0.6278, 0.3232



1.0965, 0.6055, 0.3109

Previews

White Background



This preview shows how the Yxy color 48.5204, 0.2546, 0.2414 looks on a white background.

Color Contrast Check

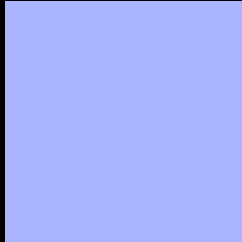
Large Text (above 18pt) WCAG AA × Fail

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 48.5204, 0.2546, 0.2414 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 48.5204, 0.2546, 0.2414

Background



This preview shows how black text looks on a background with the Yxy color 48.5204, 0.2546, 0.2414.



This preview shows how white text looks on a background with the Yxy color 48.5204, 0.2546, 0.2414.

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

48.5204, 0.2546, 0.2414

Protanopia

48.4624, 0.2498, 0.2427

Deuteranopia

48.3982, 0.2504, 0.2437



Tritanopia

48.7083, 0.2790, 0.3093

Trichromacy



Original Color

48.5204, 0.2546, 0.2414

Protanomaly

48.3747, 0.2515, 0.2419

Deuteranomaly

48.3105, 0.2521, 0.2429

Tritanomaly

48.3380, 0.2697, 0.2823

Monochromacy



Original Color

48.5204, 0.2546, 0.2414

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.8079, 0.2901, 0.2953

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5204, 0.2546, 0.2414 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(171, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 180, 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(171, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 180, 255) }
```

Border

The CSS property to change the border of an element to Yxy 48.5204, 0.2546, 0.2414 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(171, 180, 255) }
```

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

```
.border{ border-color:rgb(171, 180, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 180,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5204, 0.2546, 0.2414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 180, 255) }
```

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

```
.background{ background-color: rgb(171,  
180, 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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