

Converting Colors

Yxy(50.5034, 0.2582, 0.2545)

Have a look what the booklet for
Yxy(50.5034, 0.2582, 0.2545)
contains.

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Color

Yxy(50.5034, 0.2582, 0.2545)

Conversions

Conversions Part 1

Format	Color
Hex	AABAF9
RGB	170, 186, 249
RGB Percent	67%, 73%, 98%
CMY	0.3334, 0.2706, 0.0234
CMYK	0.32, 0.25, 0.00, 0.02
HSL	228°, 87%, 82%
HSV	228°, 32%, 98%
XYZ	51.2376, 50.5034, 96.7006
YIQ	188.3980, -29.7590, 16.2010

Conversions

Conversions Part 2

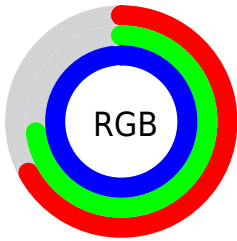
Format	Color
RYB	170, 183, 249
Decimal	11188985
CIELab	76.38, 8.75, -32.97
CIELCh	76, 34.115, 284.867
Yxy	50.5034, 0.2582, 0.2545
Android (android.graphics.Color)	4289379065 (0xFFAABAF9)
YUV	188.3980, 29.8768, -16.1350
Hunter-Lab	71.0657, 4.3315, -30.9311

Details

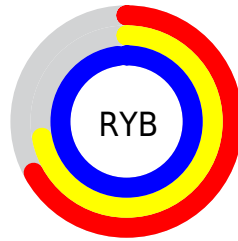
The Yxy color **50.5034, 0.2582, 0.2545** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.3408, 0.3654, 0.3938**, and the grayscale version is **50.3675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0552, 0.2956, 0.3158**, and **24.2938, 0.2446, 0.2367** is the 20% darker color. If you saturate the color by 10%, you get **40.1938, 0.2388, 0.2260**, and if you desaturate by 10%, it is **62.5055, 0.2768, 0.2808**.

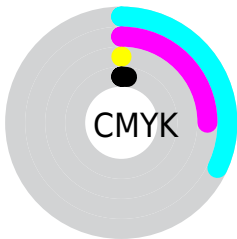
Distribution



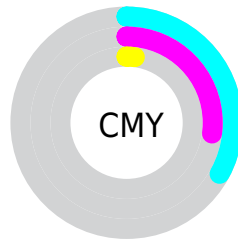
- Red (67%)
- Green (73%)
- Blue (98%)



- Red (67%)
- Yellow (72%)
- Blue (98%)



- Cyan (32%)
- Magenta (25%)
- Yellow (0%)
- Black (2%)



- Cyan (33%)
- Magenta (27%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.5034, 0.2582, 0.2545 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 50.5034, 0.2582, 0.2545 by changing the saturation by 10% instead.

■ 50.5034, 0.2582,
0.2545

■ 50.5034, 0.2582,
0.2545

388.6313, 0.2847,
0.2898

■ 35.8135, 0.2519,
0.2463

■ 90.9203, 0.2676,
0.2668

■ 24.2902, 0.2440,
0.2362

117.4161, 0.2712,
0.2716

■ 15.5491, 0.2338,
0.2235

148.6161, 0.2743,
0.2757

■ 9.2056, 0.2203,
0.2068

184.9045, 0.2769,
0.2793

■ 4.8755, 0.2017,
0.1844

226.6659, 0.2793,
0.2824

■ 2.1744, 0.1749,
0.1533

274.2845, 0.2813,

■ 0.7060, 0.1346,

0.2851

0.1073

328.1449, 0.2831,
0.2876

0.0000, 0.0000,
0.0000

50.5034, 0.2582,
0.2545

50.5034, 0.2582,
0.2545

40.1938, 0.2388,
0.2260

62.5055, 0.2768,
0.2808

31.4934, 0.2192,
0.1961

76.2664, 0.2942,
0.3045

24.3203, 0.2005,
0.1660

91.8563, 0.3101,
0.3256

18.5830, 0.1837,
0.1373

99.6219, 0.3162,
0.3347

14.1795, 0.1700,
0.1116

■ 10.9929, 0.1602,
0.0907

■ 9.1616, 0.1549,
0.0777

Harmonies

Analogous

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



50.5034, 0.2336, 0.2630



50.5034, 0.2582, 0.2545



50.5034, 0.2985, 0.2633

Triad

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



50.5034, 0.2582, 0.2545



50.5034, 0.4051, 0.3571



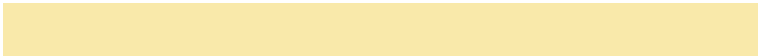
50.5034, 0.2769, 0.3774

Complementary

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



50.5034, 0.2582, 0.2545



81.3408, 0.3654, 0.3938

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.



50.5034, 0.3214, 0.4077



50.5034, 0.2582, 0.2545



50.5034, 0.3969, 0.3908

Square

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



50.5034, 0.2582, 0.2545



50.5034, 0.3861, 0.3199



50.5034, 0.3656, 0.4112



50.5034, 0.2435, 0.3320

Rectangle

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



50.5034, 0.2582, 0.2545



50.5034, 0.3301, 0.2775



50.5034, 0.3656, 0.4112



50.5034, 0.2910, 0.3900

Sweetspot

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



50.5054, 0.2582, 0.2545



83.1857, 0.2971, 0.3084



82.1410, 0.2757, 0.3483



17.3331, 0.2947, 0.3053



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.



50.5054, 0.2582, 0.2545



46.2323, 0.2460, 0.2368



46.8442, 0.2719, 0.2389



17.2124, 0.2979, 0.3095



5.0618, 0.1555, 0.0799



0.6118, 0.1612, 0.1002

Inverse Universe

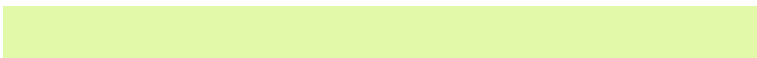
The Inverse Universe completely reimagines the original color for something new.



52.4373, 0.3708, 0.3120



48.9513, 0.3877, 0.3086



86.9495, 0.3452, 0.4128



17.2827, 0.3262, 0.3242



10.9219, 0.6071, 0.3118



1.0260, 0.5756, 0.2944

Previews

White Background



This preview shows how the Yxy color 50.5034, 0.2582, 0.2545 looks on a white background.

Color Contrast Check

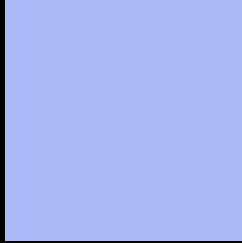
Large Text (above 18pt) WCAG AA × Fail

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 50.5034, 0.2582, 0.2545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

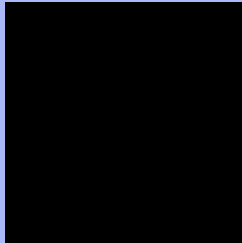
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5034, 0.2582, 0.2545

Background



This preview shows how black text looks on a background with the Yxy color 50.5034, 0.2582, 0.2545.



This preview shows how white text looks on a background with the Yxy color 50.5034, 0.2582, 0.2545.

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

50.5034, 0.2582, 0.2545

Protanopia

50.6153, 0.2589, 0.2547

Deuteranopia

50.4217, 0.2601, 0.2537



Tritanopia

50.3204, 0.2774, 0.3083

Trichromacy



Original Color

50.5034, 0.2582, 0.2545

Protanomaly

50.6153, 0.2589, 0.2547

Deuteranomaly

50.3081, 0.2594, 0.2536

Tritanomaly

50.1012, 0.2696, 0.2863

Monochromacy



Original Color

50.5034, 0.2582, 0.2545

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.0175, 0.2910, 0.3003

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5034, 0.2582, 0.2545 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(170, 186, 249)` looks like.

```
.text, #text, p{  
    color:rgb(170, 186, 249)  
}
```

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(170, 186, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 186, 249) }
```

Border

The CSS property to change the border of an element to Yxy 50.5034, 0.2582, 0.2545 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(170, 186, 249) }
```

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

```
.border{ border-color:rgb(170, 186, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 186, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 186, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 186, 249);  
box-shadow:4px 4px 4px 4px rgb(170, 186,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5034, 0.2582, 0.2545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 186, 249) }
```

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

```
.background{ background-color: rgb(170,  
186, 249) }
```

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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