

Converting Colors

$Y_{xy}(48.5052, 0.2655, 0.2604)$

Have a look what the booklet for
Yxy(48.5052, 0.2655, 0.2604)
contains.

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Color

Yxy(48.5721, 0.2656, 0.2604)

Conversions

Conversions Part 1

Format	Color
Hex	ADB6EF
RGB	173, 182, 239
RGB Percent	68%, 71%, 94%
CMY	0.3215, 0.2863, 0.0628
CMYK	0.28, 0.24, 0.00, 0.06
HSL	232°, 67%, 81%
HSV	232°, 28%, 94%
XYZ	49.5420, 48.5721, 88.4147
YIQ	185.8070, -23.6610, 15.8190

Conversions

Conversions Part 2

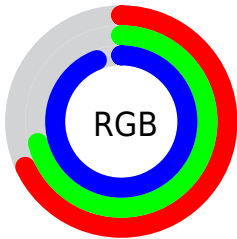
Format	Color
R _Y B	173, 181, 239
Decimal	11384559
CIE Lab	75.18, 9.36, -29.37
CIE LCh	75, 30.828, 287.666
Yxy	48.5721, 0.2656, 0.2604
Android (android.graphics.Color)	4289574639 (0xFFADB6EF)
YUV	185.8070, 26.2241, -11.2317
Hunter-Lab	69.6937, 4.9235, -26.4308

Details

The Yxy color $48.5721, 0.2656, 0.2604$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $77.9608, 0.3568, 0.3894$, and the grayscale version is $48.8519, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.0271, 0.2968, 0.3118$, and $23.0413, 0.2526, 0.2425$ is the 20% darker color. If you saturate the color by 10%, you get $38.2470, 0.2459, 0.2305$, and if you desaturate by 10%, it is $60.6347, 0.2841, 0.2878$.

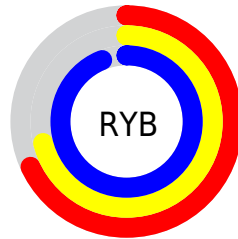
Distribution



Red (68%)

Green (71%)

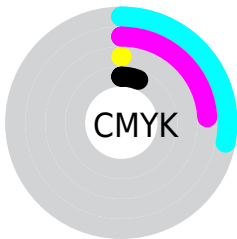
Blue (94%)



Red (68%)

Yellow (71%)

Blue (94%)

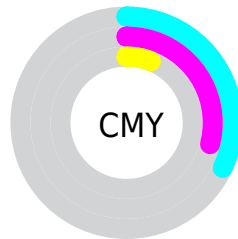


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (6%)



Cyan (32%)

Magenta (29%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.5721, 0.2656, 0.2604 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 48.5721, 0.2656, 0.2604 by changing the saturation by 10% instead.

■ 48.5721, 0.2656,
0.2604

■ 48.5721, 0.2656,
0.2604

■ 381.0553, 0.2888,
0.2932

■ 34.2802, 0.2600,
0.2527

■ 88.0556, 0.2739,
0.2719

■ 23.1089, 0.2529,
0.2431

■ 114.0159, 0.2771,
0.2764

■ 14.6739, 0.2437,
0.2309

■ 144.6346, 0.2798,
0.2802

■ 8.5909, 0.2313,
0.2148

■ 180.2958, 0.2821,
0.2835

■ 4.4753, 0.2138,
0.1929

■ 221.3841, 0.2841,
0.2864

■ 1.9428, 0.1879,
0.1616

■ 268.2839, 0.2858,


■ 0.5739, 0.1476,


0.2889


0.1095

321.3795, 0.2874,
0.2912

 0.0000, 0.0000,
0.0000

 48.5721, 0.2656,
0.2604


 48.5721, 0.2656,
0.2604


 38.2470, 0.2459,
0.2305


 60.6347, 0.2841,
0.2878

 29.5734, 0.2256,
0.1989


 74.5042, 0.3010,
0.3123

 22.4665, 0.2057,
0.1668

 90.2530, 0.3162,
0.3339

 16.8315, 0.1874,
0.1361

 99.0112, 0.3220,
0.3444

 12.5632, 0.1720,
0.1088

■ 9.5419, 0.1606,
0.0870

■ 7.6224, 0.1537,
0.0718

■ 7.2942, 0.1525,
0.0691

Harmonies

Analogous

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



48.5721, 0.2412, 0.2670



48.5721, 0.2656, 0.2604



48.5721, 0.3038, 0.2699

Triad

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



48.5721, 0.2656, 0.2604



48.5721, 0.3976, 0.3584



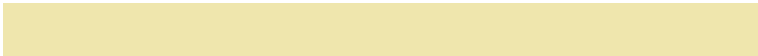
48.5721, 0.2765, 0.3696

Complementary

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



48.5721, 0.2656, 0.2604



77.9608, 0.3568, 0.3894

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.



48.5721, 0.3170, 0.3990



48.5721, 0.2656, 0.2604



48.5721, 0.3881, 0.3884

Square

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



48.5721, 0.2656, 0.2604



48.5721, 0.3824, 0.3241



48.5721, 0.3580, 0.4049



48.5721, 0.2470, 0.3281

Rectangle

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



48.5721, 0.2656, 0.2604



48.5721, 0.3328, 0.2838



48.5721, 0.3580, 0.4049



48.5721, 0.2893, 0.3815

Sweetspot

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



48.5740, 0.2656, 0.2604



85.6020, 0.3003, 0.3113



76.2738, 0.2777, 0.3403



17.7765, 0.2979, 0.3078



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.



48.5740, 0.2656, 0.2604



49.4447, 0.2549, 0.2442



47.8747, 0.2817, 0.2529



15.5758, 0.2980, 0.3079



4.1395, 0.1530, 0.0707



0.4524, 0.1582, 0.0896

Inverse Universe

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



51.6194, 0.3647, 0.3192



53.7195, 0.3793, 0.3172



79.3265, 0.3379, 0.4019



15.7939, 0.3272, 0.3258



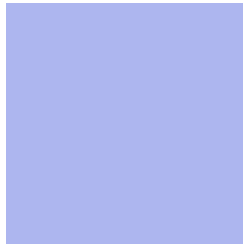
10.2112, 0.6221, 0.3201



0.8604, 0.5919, 0.3034

Previews

White Background



This preview shows how the Yxy color 48.5721, 0.2656, 0.2604 looks on a white background.

Color Contrast Check

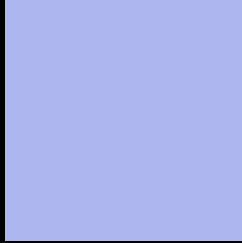
Large Text (above 18pt) WCAG AA × Fail

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 48.5721, 0.2656, 0.2604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

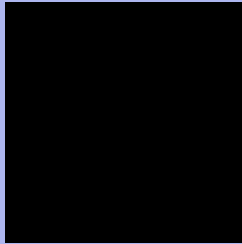
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.5721, 0.2656, 0.2604

Background



This preview shows how black text looks on a background with the Yxy color 48.5721, 0.2656, 0.2604.



This preview shows how white text looks on a background with the Yxy color 48.5721, 0.2656, 0.2604.

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

48.5721, 0.2656, 0.2604

Protanopia

48.7043, 0.2630, 0.2602

Deuteranopia

48.6866, 0.2663, 0.2605



Tritanopia

48.3852, 0.2845, 0.3094

Trichromacy



Original Color

48.5721, 0.2656, 0.2604

Protanomaly

48.8162, 0.2637, 0.2603

Deuteranomaly

48.6866, 0.2663, 0.2605

Tritanomaly

48.5107, 0.2778, 0.2910

Monochromacy



Original Color

48.5721, 0.2656, 0.2604

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.9295, 0.2945, 0.3038

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5721, 0.2656, 0.2604 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(173, 182, 239)` looks like.

```
.text, #text, p{  
    color:rgb(173, 182, 239)  
}
```

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(173, 182, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 182, 239) }
```

Border

The CSS property to change the border of an element to Yxy 48.5721, 0.2656, 0.2604 is called "border". The border property can be set on classes, ids or directly on the HTML element.

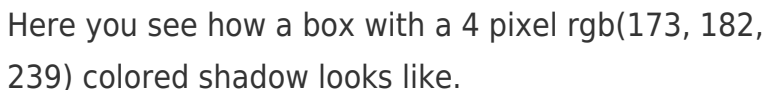
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 182, 239) }
```

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

```
.border{ border-color:rgb(173, 182, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 182, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 182, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 182, 239); box-shadow:4px 4px 4px 4px rgb(173, 182, 239) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5721, 0.2656, 0.2604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 182, 239) }
```

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

```
.background{ background-color: rgb(173,  
182, 239) }
```

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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