

Converting Colors

$Y_{xy}(45.5823, 0.2931, 0.3047)$

Have a look what the booklet for
Yxy(45.5823, 0.2931, 0.3047)
contains.

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Color

Yxy(45.6040, 0.2931, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	ADB4C6
RGB	173, 180, 198
RGB Percent	68%, 71%, 78%
CMY	0.3214, 0.2941, 0.2235
CMYK	0.13, 0.09, 0.00, 0.22
HSL	223°, 18%, 73%
HSV	223°, 13%, 78%
XYZ	43.7530, 45.6040, 59.9196
YIQ	179.9590, -9.9500, 4.1140

Conversions

Conversions Part 2

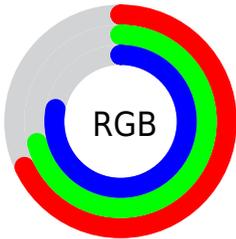
Format	Color
RYB	173, 178, 198
Decimal	11384006
CIELab	73.29, 1.20, -9.95
CIELCh	73, 10.023, 276.893
Yxy	45.6040, 0.2931, 0.3055
Android (android.graphics.Color)	4289574086 (0xFFADB4C6)
YUV	179.9590, 8.8942, -6.1030
Hunter-Lab	67.5307, -2.5291, -5.3362

Details

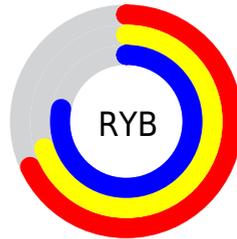
The Yxy color **45.6040, 0.2931, 0.3055** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3014, 0.3324, 0.3515**, and the grayscale version is **45.5776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8689, 0.2968, 0.3097**, and **21.2573, 0.2881, 0.2987** is the 20% darker color. If you saturate the color by 10%, you get **38.0417, 0.2762, 0.2843**, and if you desaturate by 10%, it is **54.0986, 0.3088, 0.3244**.

Distribution



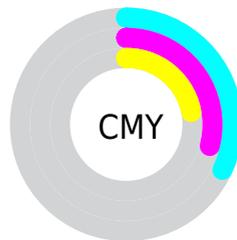
- Red (68%)
- Green (71%)
- Blue (78%)



- Red (68%)
- Yellow (70%)
- Blue (78%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (32%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.6040, 0.2931, 0.3055 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 45.6040, 0.2931, 0.3055 by changing the saturation by 10% instead.

■ 45.6040, 0.2931,
0.3055

■ 45.6040, 0.2931,
0.3055

369.2143, 0.3029,
0.3172

■ 31.9334, 0.2906,
0.3026

■ 83.6260, 0.2967,
0.3098

■ 21.3107, 0.2875,
0.2988

108.7463, 0.2980,
0.3114

■ 13.3513, 0.2833,
0.2939

138.4519, 0.2991,
0.3127

■ 7.6709, 0.2774,
0.2870

173.1273, 0.3001,
0.3139

■ 3.8851, 0.2687,
0.2767

213.1569, 0.3010,
0.3149

■ 1.6095, 0.2543,
0.2600

258.9249, 0.3017,

■ 0.3640, 0.2043,

0.3158

0.1981

310.8160, 0.3023,
0.3165

0.0000, 0.0000,
0.0000

45.6040, 0.2931,
0.3055

45.6040, 0.2931,
0.3055

38.0417, 0.2762,
0.2843

54.0986, 0.3088,
0.3244

31.3734, 0.2583,
0.2608

63.5506, 0.3233,
0.3411

25.5665, 0.2399,
0.2354

73.9913, 0.3364,
0.3558

20.5841, 0.2215,
0.2086

85.4489, 0.3482,
0.3686

16.3866, 0.2039,
0.1812

94.5753, 0.3473,
0.3817

■ 12.9306, 0.1881,
0.1543

■ 96.8571, 0.3466,
0.3850

■ 10.1682, 0.1749,
0.1294

■ 8.0445, 0.1649,
0.1077

■ 6.8291, 0.1595,
0.0942

Harmonies

Analogous

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



45.6040, 0.2864, 0.3108



45.6040, 0.2931, 0.3055



45.6040, 0.3051, 0.3064

Triad

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



45.6040, 0.2931, 0.3055



45.6040, 0.3396, 0.3359



45.6040, 0.3057, 0.3459

Complementary

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



45.6040, 0.2931, 0.3055



52.3014, 0.3324, 0.3515

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.



45.6040, 0.3199, 0.3529



45.6040, 0.2931, 0.3055



45.6040, 0.3397, 0.3467

Square

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



45.6040, 0.2931, 0.3055



45.6040, 0.3321, 0.3237



45.6040, 0.3324, 0.3530



45.6040, 0.2935, 0.3341

Rectangle

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



45.6040, 0.2931, 0.3055



45.6040, 0.3146, 0.3102



45.6040, 0.3324, 0.3530



45.6040, 0.3104, 0.3489

Sweetspot

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



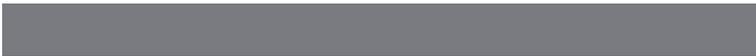
45.6059, 0.2931, 0.3055



93.5126, 0.3066, 0.3218



53.0331, 0.2985, 0.3381



19.7611, 0.3055, 0.3204



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.



45.6059, 0.2931, 0.3055



77.0990, 0.2888, 0.3002



43.4953, 0.2974, 0.2967



10.7609, 0.2983, 0.3119



4.5670, 0.1601, 0.0964



0.3416, 0.1720, 0.1393

Inverse Universe

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



45.2011, 0.3293, 0.3203



76.3259, 0.3333, 0.3184



54.6884, 0.3269, 0.3602



10.6847, 0.3247, 0.3226



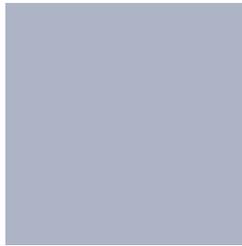
8.0010, 0.5813, 0.2976



0.3915, 0.5200, 0.2638

Previews

White Background



This preview shows how the Yxy color 45.6040, 0.2931, 0.3055 looks on a white background.

Color Contrast Check

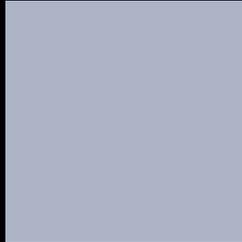
Large Text (above 18pt) WCAG AA × Fail

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 45.6040, 0.2931, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

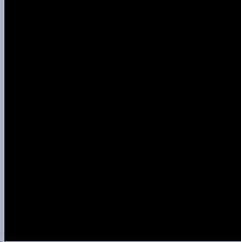
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

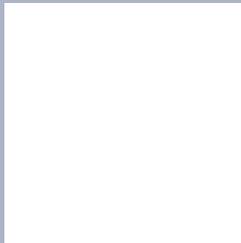
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.6040, 0.2931, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 45.6040, 0.2931, 0.3055.



This preview shows how white text looks on a background with the Yxy color 45.6040, 0.2931, 0.3055.

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

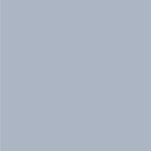
45.6040, 0.2931, 0.3055

Protanopia

45.7364, 0.2979, 0.3057

Deuteranopia

45.4748, 0.3047, 0.2987



Tritanopia

45.7585, 0.2945, 0.3106

Trichromacy



Original Color

45.6040, 0.2931, 0.3055

Protanomaly

45.5015, 0.2962, 0.3056

Deuteranomaly

45.6351, 0.3005, 0.3010

Tritanomaly

45.8039, 0.2938, 0.3093

Monochromacy



Original Color

45.6040, 0.2931, 0.3055

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.5775, 0.3047, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6040, 0.2931, 0.3055 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, 180, 198)` looks like.

```
.text, #text, p{  
    color:rgb(173, 180, 198)  
}
```

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, 180, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 180, 198) }
```

Border

The CSS property to change the border of an element to Yxy 45.6040, 0.2931, 0.3055 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, 180, 198) }
```

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

```
.border{ border-color:rgb(173, 180, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 180, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 180, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 180, 198);  
box-shadow:4px 4px 4px 4px rgb(173, 180,  
198) }
```

Background

The CSS property to change the background color of an element to Yxy 45.6040, 0.2931, 0.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 180, 198) }
```

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

```
.background{ background-color: rgb(173,  
180, 198) }
```

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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