

Converting Colors

$Yxy(45.7807, 0.3056, 0.3123)$

Have a look what the booklet for
Yxy(45.7807, 0.3056, 0.3123)
contains.

Yxy(45.5475, 0.3058, 0.3122)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(45.5475, 0.3058, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	B6B2BF
RGB	182, 178, 191
RGB Percent	71%, 70%, 75%
CMY	0.2863, 0.3019, 0.2510
CMYK	0.05, 0.07, 0.00, 0.25
HSL	258°, 9%, 72%
HSV	258°, 7%, 75%
XYZ	44.6138, 45.5475, 55.7308
YIQ	180.6780, -1.7890, 4.8910

Conversions

Conversions Part 2

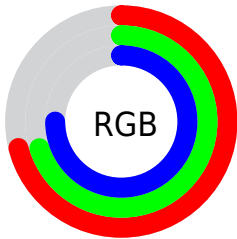
Format	Color
RYB	182, 178, 191
Decimal	11973311
CIELab	73.25, 3.88, -6.10
CIELCh	73, 7.230, 302.432
Yxy	45.5475, 0.3058, 0.3122
Android (android.graphics.Color)	4290163391 (0xFFB6B2BF)
YUV	180.6780, 5.0887, 1.1594
Hunter-Lab	67.4889, -0.1074, -1.7181

Details

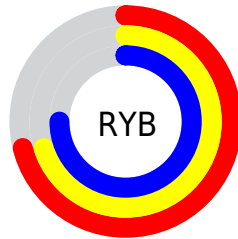
The Yxy color $45.5475, 0.3058, 0.3122$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.0444, 0.3193, 0.3456$, and the grayscale version is $45.9986, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.7382, 0.3074, 0.3159$, and $21.1693, 0.3032, 0.3061$ is the 20% darker color. If you saturate the color by 10%, you get $36.9328, 0.2943, 0.2853$, and if you desaturate by 10%, it is $55.3770, 0.3157, 0.3365$.

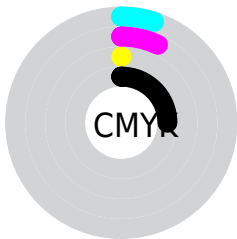
Distribution



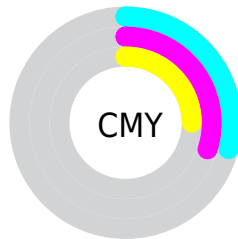
- Red (71%)
- Green (70%)
- Blue (75%)



- Red (71%)
- Yellow (70%)
- Blue (75%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (29%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.5475, 0.3058, 0.3122 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 45.5475, 0.3058, 0.3122 by changing the saturation by 10% instead.

■ 45.5475, 0.3058,
0.3122

■ 45.5475, 0.3058,
0.3122

368.9864, 0.3093,
0.3206

■ 31.8889, 0.3049,
0.3101

■ 83.5414, 0.3071,
0.3152

■ 21.2766, 0.3038,
0.3075

108.6455, 0.3076,
0.3164

■ 13.3264, 0.3022,
0.3039

138.3335, 0.3080,
0.3173

■ 7.6537, 0.3001,
0.2990

172.9898, 0.3083,
0.3182

■ 3.8742, 0.2968,
0.2917

212.9989, 0.3086,
0.3189

■ 1.6034, 0.2912,
0.2797

258.7451, 0.3089,

■ 0.3599, 0.2704,

0.3195

0.2228

310.6128, 0.3091,
0.3201

0.0000, 0.0000,
0.0000

45.5475, 0.3058,
0.3122

45.5475, 0.3058,
0.3122

36.9328, 0.2943,
0.2853

55.3770, 0.3157,
0.3365

29.4793, 0.2812,
0.2561

66.4604, 0.3242,
0.3581

23.1381, 0.2664,
0.2250

78.8424, 0.3314,
0.3773

17.8545, 0.2504,
0.1929

92.5635, 0.3375,
0.3943

13.5691, 0.2335,
0.1614

95.2795, 0.3462,
0.3929

■ 10.2163, 0.2165,
0.1321

■ 96.5417, 0.3508,
0.3919

■ 7.7226, 0.2003,
0.1070

■ 6.0028, 0.1859,
0.0876

■ 4.9432, 0.1741,
0.0748

Harmonies

Analogous

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



45.5475, 0.2975, 0.3123



45.5475, 0.3058, 0.3122



45.5475, 0.3160, 0.3164

Triad

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



45.5475, 0.3058, 0.3122



45.5475, 0.3325, 0.3408



45.5475, 0.3000, 0.3341

Complementary

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



45.5475, 0.3058, 0.3122



51.0444, 0.3193, 0.3456

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.



45.5475, 0.3092, 0.3421



45.5475, 0.3058, 0.3122



45.5475, 0.3280, 0.3459

Square

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



45.5475, 0.3058, 0.3122



45.5475, 0.3316, 0.3328



45.5475, 0.3194, 0.3465



45.5475, 0.2942, 0.3248

Rectangle

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



45.5475, 0.3058, 0.3122



45.5475, 0.3226, 0.3212



45.5475, 0.3194, 0.3465



45.5475, 0.3028, 0.3370

Sweetspot

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



45.5494, 0.3058, 0.3122



89.7001, 0.3107, 0.3241



48.8123, 0.3023, 0.3239



19.7364, 0.3108, 0.3244



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.5494, 0.3058, 0.3122



79.4123, 0.3044, 0.3088



46.3482, 0.3113, 0.3125



9.3633, 0.3030, 0.3056



3.1114, 0.1720, 0.0721



0.1573, 0.2000, 0.0876

Inverse Universe

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



46.5093, 0.3167, 0.3176



81.4520, 0.3175, 0.3153



50.2534, 0.3140, 0.3459



9.6451, 0.3183, 0.3132



8.3975, 0.4157, 0.2063



0.3401, 0.3879, 0.1910

Previews

White Background



This preview shows how the Yxy color 45.5475, 0.3058, 0.3122 looks on a white background.

Color Contrast Check

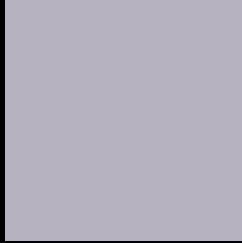
Large Text (above 18pt) WCAG AA × Fail

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 45.5475, 0.3058, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

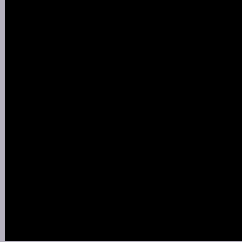
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

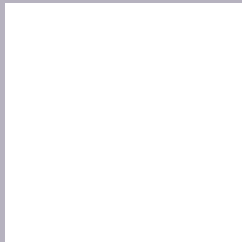
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.5475, 0.3058, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 45.5475, 0.3058, 0.3122.

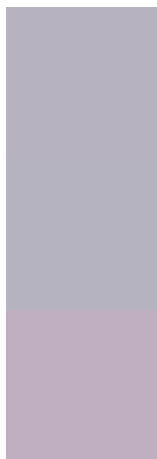


This preview shows how white text looks on a background with the Yxy color 45.5475, 0.3058, 0.3122.

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

45.5475, 0.3058, 0.3122

Protanopia

45.7051, 0.3041, 0.3134

Deuteranopia

45.6722, 0.3137, 0.3076



Tritanopia

45.5916, 0.3050, 0.3109

Trichromacy



Original Color

45.5475, 0.3058, 0.3122

Protanomaly

45.8255, 0.3049, 0.3135

Deuteranomaly

45.5478, 0.3102, 0.3086

Tritanomaly

45.5916, 0.3050, 0.3109

Monochromacy



Original Color

45.5475, 0.3058, 0.3122

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.9691, 0.3096, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5475, 0.3058, 0.3122 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(182, 178, 191)` looks like.

```
.text, #text, p{  
    color:rgb(182, 178, 191)  
}
```

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(182, 178, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 178, 191) }
```

Border

The CSS property to change the border of an element to Yxy 45.5475, 0.3058, 0.3122 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(182, 178, 191) }
```

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

```
.border{ border-color:rgb(182, 178, 191) }
```

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

Here you see how a box with a 4 pixel rgb(182, 178, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 178, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 178, 191);  
box-shadow:4px 4px 4px 4px rgb(182, 178,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5475, 0.3058, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 178, 191) }
```

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

```
.background{ background-color: rgb(182,  
178, 191) }
```

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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