

Converting Colors

$Y_{xy}(45.2270, 0.3083, 0.3178)$

Have a look what the booklet for
Yxy(45.2270, 0.3083, 0.3178)
contains.

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Color

Yxy(45.2524, 0.3081, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	B5B2BB
RGB	181, 178, 187
RGB Percent	71%, 70%, 73%
CMY	0.2903, 0.3019, 0.2667
CMYK	0.03, 0.05, 0.00, 0.27
HSL	260°, 6%, 72%
HSV	260°, 5%, 73%
XYZ	43.9403, 45.2524, 53.4244
YIQ	179.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

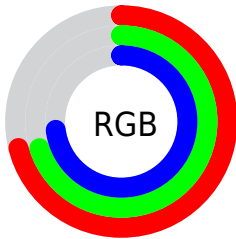
Format	Color
RYB	181, 178, 187
Decimal	11907771
CIELab	73.06, 2.74, -4.20
CIELCh	73, 5.015, 303.183
Yxy	45.2524, 0.3081, 0.3173
Android (android.graphics.Color)	4290097851 (0xFFB5B2BB)
YUV	179.9230, 3.4890, 0.9445
Hunter-Lab	67.2699, -1.1271, 0.0020

Details

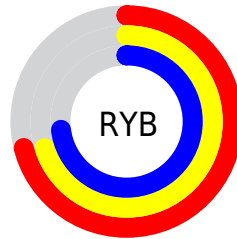
The Yxy color $45.2524, 0.3081, 0.3173$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.9435, 0.3172, 0.3406$, and the grayscale version is $45.5786, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.3212, 0.3091, 0.3199$, and $20.9777, 0.3064, 0.3129$ is the 20% darker color. If you saturate the color by 10%, you get $36.8662, 0.2973, 0.2910$, and if you desaturate by 10%, it is $54.7930, 0.3173, 0.3410$.

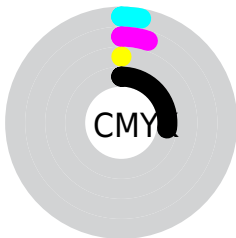
Distribution



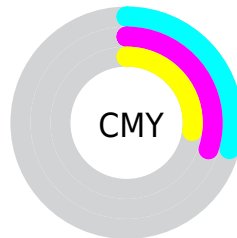
- Red (71%)
- Green (70%)
- Blue (73%)



- Red (71%)
- Yellow (70%)
- Blue (73%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (29%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.2524, 0.3081, 0.3173 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 45.2524, 0.3081, 0.3173 by changing the saturation by 10% instead.

■ 45.2524, 0.3081,
0.3173

■ 45.2524, 0.3081,
0.3173

367.7948, 0.3104,
0.3232

■ 31.6563, 0.3075,
0.3158

■ 83.0990, 0.3090,
0.3194

■ 21.0991, 0.3067,
0.3140

108.1183, 0.3093,
0.3202

■ 13.1965, 0.3057,
0.3115

137.7142, 0.3095,
0.3209

■ 7.5640, 0.3043,
0.3080

172.2709, 0.3098,
0.3215

■ 3.8172, 0.3021,
0.3027

212.1729, 0.3100,
0.3220

■ 1.5719, 0.2983,
0.2941

257.8047, 0.3101,

■ 0.3385, 0.2798,

0.3224

0.2437

309.5505, 0.3103,
0.3228

0.0000, 0.0000,
0.0000

45.2524, 0.3081,
0.3173

45.2524, 0.3081,
0.3173

36.8662, 0.2973,
0.2910

54.7930, 0.3173,
0.3410

29.5841, 0.2850,
0.2624

65.5239, 0.3252,
0.3622

23.3609, 0.2711,
0.2319

77.4870, 0.3319,
0.3810

18.1460, 0.2558,
0.2003

90.7201, 0.3375,
0.3976

13.8843, 0.2395,
0.1688

94.2711, 0.3455,
0.3977

■ 10.5155, 0.2229,
0.1393

■ 96.3673, 0.3532,
0.3959

■ 7.9722, 0.2068,
0.1134

■ 6.1766, 0.1921,
0.0929

■ 5.0356, 0.1796,
0.0788

Harmonies

Analogous

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



45.2524, 0.3023, 0.3173



45.2524, 0.3081, 0.3173



45.2524, 0.3152, 0.3203

Triad

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



45.2524, 0.3081, 0.3173



45.2524, 0.3264, 0.3374



45.2524, 0.3037, 0.3324

Complementary

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



45.2524, 0.3081, 0.3173



48.9435, 0.3172, 0.3406

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.



45.2524, 0.3101, 0.3380



45.2524, 0.3081, 0.3173



45.2524, 0.3232, 0.3408

Square

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



45.2524, 0.3081, 0.3173



45.2524, 0.3259, 0.3318



45.2524, 0.3172, 0.3410



45.2524, 0.2998, 0.3260

Rectangle

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



45.2524, 0.3081, 0.3173



45.2524, 0.3198, 0.3237



45.2524, 0.3172, 0.3410



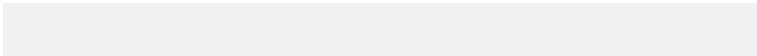
45.2524, 0.3057, 0.3344

Sweetspot

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



45.2543, 0.3081, 0.3173



87.2797, 0.3118, 0.3266



47.3953, 0.3054, 0.3253



19.2396, 0.3118, 0.3267



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



45.2543, 0.3081, 0.3173



78.9976, 0.3068, 0.3140



45.7904, 0.3118, 0.3174



9.9221, 0.3063, 0.3129



3.2069, 0.1751, 0.0739



0.1620, 0.2035, 0.0894

Inverse Universe

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



45.8712, 0.3156, 0.3213



80.3926, 0.3165, 0.3191



48.4124, 0.3135, 0.3407



10.1117, 0.3168, 0.3184



8.3182, 0.4246, 0.2113



0.3374, 0.3940, 0.1944

Previews

White Background



This preview shows how the Yxy color 45.2524, 0.3081, 0.3173 looks on a white background.

Color Contrast Check

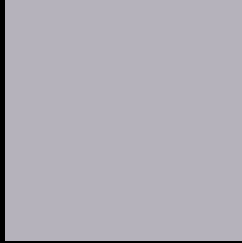
Large Text (above 18pt) WCAG AA × Fail

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 45.2524, 0.3081, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

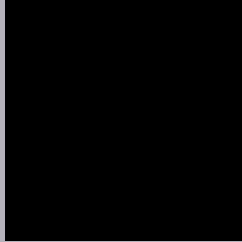
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

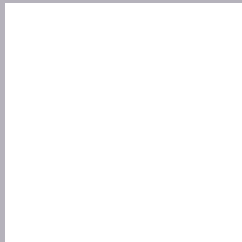
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.2524, 0.3081, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 45.2524, 0.3081, 0.3173.



This preview shows how white text looks on a background with the Yxy color 45.2524, 0.3081, 0.3173.

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

45.2524, 0.3081, 0.3173

Protanopia

45.1319, 0.3073, 0.3172

Deuteranopia

45.2404, 0.3180, 0.3113



Tritanopia

45.1510, 0.3058, 0.3109

Trichromacy



Original Color

45.2524, 0.3081, 0.3173

Protanomaly

45.1319, 0.3073, 0.3172

Deuteranomaly

45.1096, 0.3144, 0.3124

Tritanomaly

45.1071, 0.3066, 0.3122

Monochromacy



Original Color

45.2524, 0.3081, 0.3173

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.3624, 0.3104, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2524, 0.3081, 0.3173 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(181, 178, 187)` looks like.

```
.text, #text, p{  
    color:rgb(181, 178, 187)  
}
```

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(181, 178, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 178, 187) }
```

Border

The CSS property to change the border of an element to Yxy 45.2524, 0.3081, 0.3173 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(181, 178, 187) }
```

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

```
.border{ border-color:rgb(181, 178, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 178, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 178, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 178, 187);  
box-shadow:4px 4px 4px 4px rgb(181, 178,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2524, 0.3081, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 178, 187) }
```

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

```
.background{ background-color: rgb(181,  
178, 187) }
```

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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