

Converting Colors

Yxy(47.5198, 0.3030, 0.3166)

Have a look what the booklet for
Yxy(47.5198, 0.3030, 0.3166)
contains.

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Color

Yxy(47.4205, 0.3025, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	B4B7C1
RGB	180, 183, 193
RGB Percent	71%, 72%, 76%
CMY	0.2942, 0.2823, 0.2431
CMYK	0.07, 0.05, 0.00, 0.24
HSL	226°, 10%, 73%
HSV	226°, 7%, 76%
XYZ	45.3803, 47.4205, 57.2166
YIQ	183.2430, -4.9980, 2.4740

Conversions

Conversions Part 2

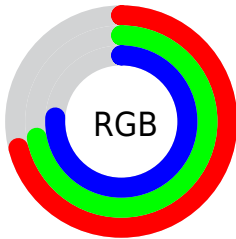
Format	Color
R _Y B	180, 182, 193
Decimal	11843521
CIE Lab	74.46, 0.89, -5.43
CIE LCh	74, 5.503, 279.282
Yxy	47.4205, 0.3025, 0.3161
Android (android.graphics.Color)	4290033601 (0xFFB4B7C1)
YUV	183.2430, 4.8102, -2.8441
Hunter-Lab	68.8625, -2.8783, -1.0592

Details

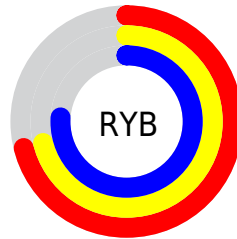
The Yxy color **47.4205, 0.3025, 0.3161** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4566, 0.3229, 0.3416**, and the grayscale version is **47.4698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4054, 0.3047, 0.3189**, and **22.3707, 0.2989, 0.3114** is the 20% darker color. If you saturate the color by 10%, you get **39.4662, 0.2862, 0.2949**, and if you desaturate by 10%, it is **56.3460, 0.3174, 0.3348**.

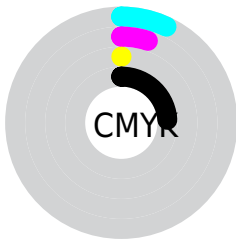
Distribution



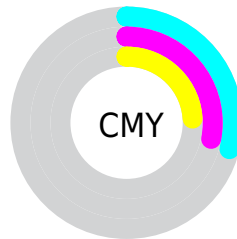
- Red (71%)
- Green (72%)
- Blue (76%)



- Red (71%)
- Yellow (71%)
- Blue (76%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (29%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4205, 0.3025, 0.3161 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 47.4205, 0.3025, 0.3161 by changing the saturation by 10% instead.

■ 47.4205, 0.3025,
0.3161

■ 47.4205, 0.3025,
0.3161

376.4905, 0.3076,
0.3225

■ 33.3682, 0.3012,
0.3145

■ 86.3410, 0.3043,
0.3184

■ 22.4087, 0.2996,
0.3125

111.9779, 0.3050,
0.3193

■ 14.1575, 0.2974,
0.3098

142.2452, 0.3056,
0.3200

■ 8.2303, 0.2944,
0.3060

177.5272, 0.3061,
0.3207

■ 4.2427, 0.2899,
0.3004

218.2084, 0.3066,
0.3212

■ 1.8102, 0.2825,
0.2913

264.6730, 0.3070,

■ 0.4935, 0.2581,

0.3217

0.2596

317.3056, 0.3073,
0.3221

0.0000, 0.0000,
0.0000

47.4205, 0.3025,
0.3161

47.4205, 0.3025,
0.3161

39.4662, 0.2862,
0.2949

56.3460, 0.3174,
0.3348

32.4439, 0.2686,
0.2713

66.2680, 0.3309,
0.3513

26.3206, 0.2501,
0.2454

77.2188, 0.3430,
0.3656

21.0589, 0.2311,
0.2176

88.8083, 0.3523,
0.3783

16.6190, 0.2124,
0.1889

96.6306, 0.3496,
0.3900

■ 12.9574, 0.1949,
0.1603

■ 10.0267, 0.1797,
0.1333

■ 7.7734, 0.1676,
0.1095

■ 6.1332, 0.1591,
0.0902

Harmonies

Analogous

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



47.4205, 0.2985, 0.3188



47.4205, 0.3025, 0.3161



47.4205, 0.3092, 0.3168

Triad

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



47.4205, 0.3025, 0.3161



47.4205, 0.3274, 0.3334



47.4205, 0.3084, 0.3376

Complementary

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



47.4205, 0.3025, 0.3161



51.4566, 0.3229, 0.3416

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.



47.4205, 0.3161, 0.3416



47.4205, 0.3025, 0.3161



47.4205, 0.3271, 0.3391

Square

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



47.4205, 0.3025, 0.3161



47.4205, 0.3237, 0.3267



47.4205, 0.3230, 0.3421



47.4205, 0.3019, 0.3313

Rectangle

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



47.4205, 0.3025, 0.3161



47.4205, 0.3144, 0.3191



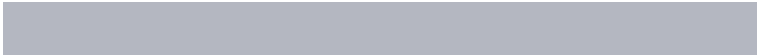
47.4205, 0.3230, 0.3421



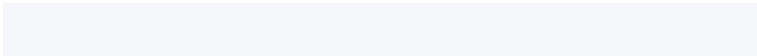
47.4205, 0.3109, 0.3393

Sweetspot

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



47.4225, 0.3025, 0.3161



92.2386, 0.3097, 0.3252



51.5616, 0.3046, 0.3329



19.8233, 0.3099, 0.3254



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.



47.4225, 0.3025, 0.3161



82.8568, 0.3003, 0.3133



46.6137, 0.3054, 0.3123



10.1182, 0.2983, 0.3108



3.8975, 0.1575, 0.0868



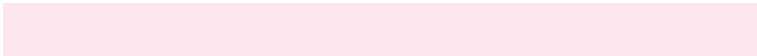
0.2774, 0.1697, 0.1307

Inverse Universe

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



47.3966, 0.3215, 0.3252



82.8195, 0.3235, 0.3244



52.3254, 0.3197, 0.3454



10.1153, 0.3253, 0.3237



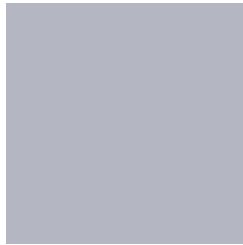
7.6757, 0.5962, 0.3058



0.3426, 0.5317, 0.2703

Previews

White Background



This preview shows how the Yxy color 47.4205, 0.3025, 0.3161 looks on a white background.

Color Contrast Check

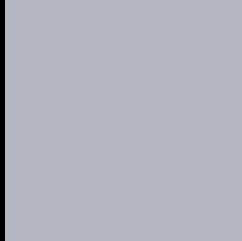
Large Text (above 18pt) WCAG AA × Fail

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 47.4205, 0.3025, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

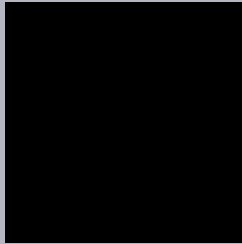
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

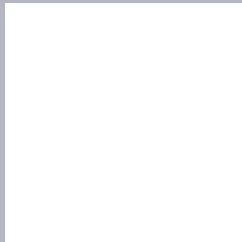
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.4205, 0.3025, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 47.4205, 0.3025, 0.3161.

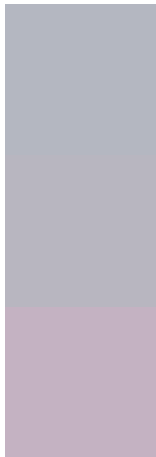


This preview shows how white text looks on a background with the Yxy color 47.4205, 0.3025, 0.3161.

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

47.4205, 0.3025, 0.3161

Protanopia

47.4520, 0.3066, 0.3162

Deuteranopia

47.4716, 0.3154, 0.3092



Tritanopia

47.3109, 0.3003, 0.3098

Trichromacy



Original Color

47.4205, 0.3025, 0.3161

Protanomaly

47.3289, 0.3058, 0.3162

Deuteranomaly

47.4847, 0.3101, 0.3114

Tritanomaly

47.2652, 0.3011, 0.3111

Monochromacy



Original Color

47.4205, 0.3025, 0.3161

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.3999, 0.3088, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4205, 0.3025, 0.3161 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(180, 183, 193)` looks like.

```
.text, #text, p{  
    color:rgb(180, 183, 193)  
}
```

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(180, 183, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 183, 193) }
```

Border

The CSS property to change the border of an element to Yxy 47.4205, 0.3025, 0.3161 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(180, 183, 193) }
```

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

```
.border{ border-color:rgb(180, 183, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 183, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 183, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 183, 193);  
box-shadow:4px 4px 4px 4px rgb(180, 183,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4205, 0.3025, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 183, 193) }
```

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

```
.background{ background-color: rgb(180,  
183, 193) }
```

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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