

Converting Colors

$Yxy(48.4693, 0.3075, 0.3272)$

Have a look what the booklet for
Yxy(48.4693, 0.3075, 0.3272)
contains.

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Color

Yxy(48.5294, 0.3078, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B5BABB
RGB	181, 186, 187
RGB Percent	71%, 73%, 73%
CMY	0.2902, 0.2706, 0.2667
CMYK	0.03, 0.01, 0.00, 0.27
HSL	190°, 4%, 72%
HSV	190°, 3%, 73%
XYZ	45.5824, 48.5294, 53.9791
YIQ	184.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

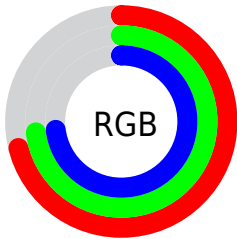
Format	Color
R _Y B	181, 184, 187
Decimal	11909819
CIE Lab	75.16, -1.55, -1.12
CIE LCh	75, 1.912, 215.898
Yxy	48.5294, 0.3078, 0.3277
Android (android.graphics.Color)	4290099899 (0xFFB5BABB)
YUV	184.6190, 1.1738, -3.1739
Hunter-Lab	69.6630, -5.1130, 2.8227

Details

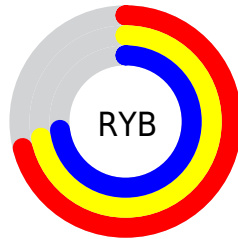
The Yxy color **48.5294, 0.3078, 0.3277** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.3497, 0.3178, 0.3303**, and the grayscale version is **48.2880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9799, 0.3089, 0.3280**, and **23.0855, 0.3061, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **45.1316, 0.2927, 0.3234**, and if you desaturate by 10%, it is **52.2629, 0.3231, 0.3316**.

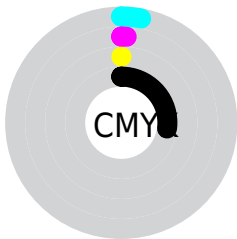
Distribution



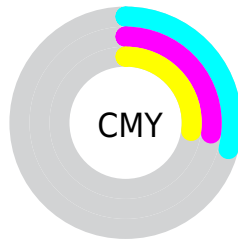
- Red (71%)
- Green (73%)
- Blue (73%)



- Red (71%)
- Yellow (72%)
- Blue (73%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.5294, 0.3078, 0.3277 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 48.5294, 0.3078, 0.3277 by changing the saturation by 10% instead.

■ 48.5294, 0.3078,
0.3277

■ 48.5294, 0.3078,
0.3277

380.8867, 0.3102,
0.3284

■ 34.2463, 0.3072,
0.3275

■ 87.9921, 0.3087,
0.3279

■ 23.0829, 0.3064,
0.3273

113.9405, 0.3090,
0.3280

■ 14.6547, 0.3054,
0.3270

144.5462, 0.3093,
0.3281

■ 8.5774, 0.3040,
0.3266

180.1934, 0.3095,
0.3282

■ 4.4666, 0.3019,
0.3260

221.2667, 0.3098,
0.3282

■ 1.9378, 0.2984,
0.3251

268.1505, 0.3099,

■ 0.5710, 0.2843,

0.3283

0.3215

321.2290, 0.3101,
0.3283

0.0000, 0.0000,
0.0000

48.5294, 0.3078,
0.3277

48.5294, 0.3078,
0.3277

45.1316, 0.2927,
0.3234

52.2629, 0.3231,
0.3316

42.0512, 0.2781,
0.3187

56.3376, 0.3384,
0.3351

39.2773, 0.2642,
0.3137

60.7662, 0.3535,
0.3382

36.7959, 0.2514,
0.3083

65.4093, 0.3675,
0.3410

34.5920, 0.2400,
0.3027

66.8412, 0.3666,
0.3442

■ 32.6489, 0.2302,
0.2970

■ 68.3021, 0.3658,
0.3473

■ 30.9482, 0.2222,
0.2911

■ 69.7922, 0.3650,
0.3505

■ 29.4686, 0.2162,
0.2852

■ 71.3118, 0.3642,
0.3536

■ 28.1845, 0.2120,
0.2793

■ 72.8608, 0.3634,
0.3567

Harmonies

Analogous

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



48.5294, 0.3092, 0.3301



48.5294, 0.3078, 0.3277



48.5294, 0.3077, 0.3257

Triad

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



48.5294, 0.3078, 0.3277



48.5294, 0.3139, 0.3259



48.5294, 0.3165, 0.3335

Complementary

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



48.5294, 0.3078, 0.3277



47.3497, 0.3178, 0.3303

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.



48.5294, 0.3178, 0.3323



48.5294, 0.3078, 0.3277



48.5294, 0.3163, 0.3280

Square

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



48.5294, 0.3078, 0.3277



48.5294, 0.3112, 0.3247



48.5294, 0.3177, 0.3303



48.5294, 0.3142, 0.3334

Rectangle

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



48.5294, 0.3078, 0.3277



48.5294, 0.3084, 0.3248



48.5294, 0.3177, 0.3303



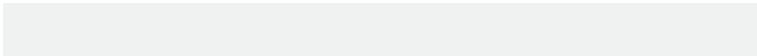
48.5294, 0.3170, 0.3332

Sweetspot

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



48.5315, 0.3078, 0.3277



88.3356, 0.3112, 0.3286



48.7370, 0.3117, 0.3356



19.4604, 0.3112, 0.3286



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.



48.5315, 0.3078, 0.3277



86.3776, 0.3065, 0.3274



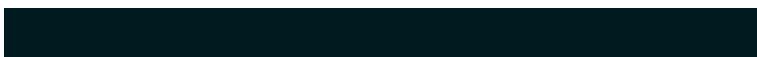
47.3157, 0.3079, 0.3239



10.8988, 0.3056, 0.3271



18.9621, 0.2100, 0.2761



0.8154, 0.2139, 0.2900

Inverse Universe

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



47.1535, 0.3139, 0.3226



83.2803, 0.3142, 0.3209



48.5559, 0.3176, 0.3340



10.4492, 0.3144, 0.3196



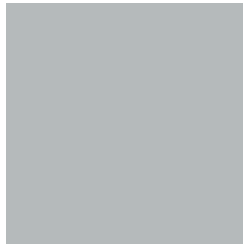
8.9439, 0.3671, 0.1796



0.3577, 0.3543, 0.1725

Previews

White Background



This preview shows how the Yxy color 48.5294, 0.3078, 0.3277 looks on a white background.

Color Contrast Check

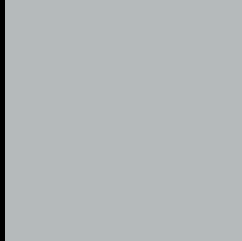
Large Text (above 18pt) WCAG AA × Fail

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 48.5294, 0.3078, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

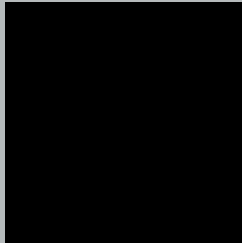
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

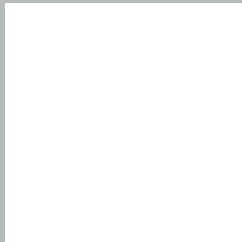
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5294, 0.3078, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 48.5294, 0.3078, 0.3277.

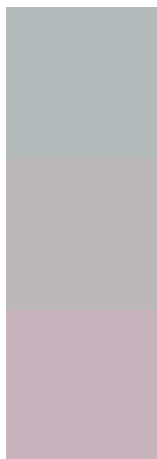


This preview shows how white text looks on a background with the Yxy color 48.5294, 0.3078, 0.3277.

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

48.5294, 0.3078, 0.3277

Protanopia

48.5175, 0.3145, 0.3265

Deuteranopia

48.2885, 0.3245, 0.3180



Tritanopia

48.4718, 0.3004, 0.3100

Trichromacy



Original Color

48.5294, 0.3078, 0.3277

Protanomaly

48.5574, 0.3119, 0.3277

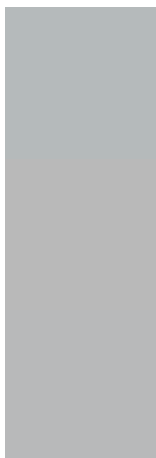
Deuteranomaly

48.5561, 0.3182, 0.3215

Tritanomaly

48.5831, 0.3026, 0.3162

Monochromacy



Original Color

48.5294, 0.3078, 0.3277

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.4334, 0.3111, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5294, 0.3078, 0.3277 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, 186, 187)` looks like.

```
.text, #text, p{  
    color:rgb(181, 186, 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, 186, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 186, 187) }
```

Border

The CSS property to change the border of an element to Yxy 48.5294, 0.3078, 0.3277 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, 186, 187) }
```

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

```
.border{ border-color:rgb(181, 186, 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, 186, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 186, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 186, 187);  
box-shadow:4px 4px 4px 4px rgb(181, 186,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5294, 0.3078, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 186, 187) }
```

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

```
.background{ background-color: rgb(181,  
186, 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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