

Converting Colors

$Yxy(48.2877, 0.3055, 0.3236)$

Have a look what the booklet for
Yxy(48.2877, 0.3055, 0.3236)
contains.

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Color

Yxy(48.0753, 0.3055, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	B4B9BD
RGB	180, 185, 189
RGB Percent	71%, 73%, 74%
CMY	0.2941, 0.2745, 0.2588
CMYK	0.05, 0.02, 0.00, 0.26
HSL	207°, 6%, 72%
HSV	207°, 5%, 74%
XYZ	45.3583, 48.0753, 55.0386
YIQ	183.9610, -4.2640, 0.1840

Conversions

Conversions Part 2

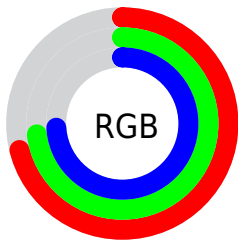
Format	Color
R _Y B	180, 183, 189
Decimal	11844029
CIE Lab	74.87, -0.96, -2.64
CIE LCh	75, 2.812, 249.990
Yxy	48.0753, 0.3055, 0.3238
Android (android.graphics.Color)	4290034109 (0xFFB4B9BD)
YUV	183.9610, 2.4842, -3.4738
Hunter-Lab	69.3364, -4.5680, 1.4715

Details

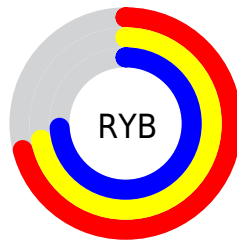
The Yxy color **48.0753, 0.3055, 0.3238** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4031, 0.3201, 0.3341**, and the grayscale version is **47.8996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3360, 0.3071, 0.3250**, and **22.7921, 0.3029, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **42.5439, 0.2900, 0.3120**, and if you desaturate by 10%, it is **54.1285, 0.3205, 0.3344**.

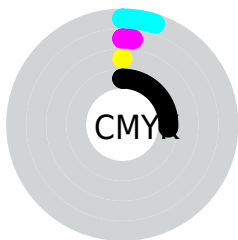
Distribution



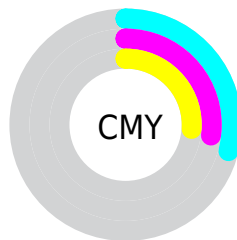
- Red (71%)
- Green (73%)
- Blue (74%)



- Red (71%)
- Yellow (72%)
- Blue (74%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)



- Cyan (29%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.0753, 0.3055, 0.3238 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 48.0753, 0.3055, 0.3238 by changing the saturation by 10% instead.

■ 48.0753, 0.3055,
0.3238

■ 48.0753, 0.3055,
0.3238

379.0905, 0.3091,
0.3264

■ 33.8865, 0.3046,
0.3232

■ 87.3165, 0.3068,
0.3247

■ 22.8064, 0.3035,
0.3223

113.1377, 0.3073,
0.3251

■ 14.4506, 0.3020,
0.3212

143.6052, 0.3077,
0.3254

■ 8.4348, 0.2999,
0.3197

179.1034, 0.3081,
0.3257

■ 4.3744, 0.2967,
0.3174

220.0166, 0.3084,
0.3259

■ 1.8851, 0.2916,
0.3136

266.7292, 0.3086,

■ 0.5394, 0.2717,

0.3261

0.2996

319.6258, 0.3089,
0.3262

0.0000, 0.0000,
0.0000

48.0753, 0.3055,
0.3238

48.0753, 0.3055,
0.3238

42.5439, 0.2900,
0.3120

54.1285, 0.3205,
0.3344

37.5122, 0.2742,
0.2989

60.7127, 0.3348,
0.3438

32.9653, 0.2584,
0.2846

67.8443, 0.3484,
0.3521

28.8852, 0.2429,
0.2692

75.4214, 0.3607,
0.3595

25.2524, 0.2282,
0.2529

79.9148, 0.3586,
0.3678

■ 22.0459, 0.2147,
0.2359

■ 84.6333, 0.3565,
0.3759

■ 19.2422, 0.2029,
0.2186

■ 89.5799, 0.3545,
0.3838

■ 16.8150, 0.1932,
0.2014

■ 94.7577, 0.3526,
0.3915

■ 14.7328, 0.1857,
0.1847

■ 96.4546, 0.3520,
0.3939

Harmonies

Analogous

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



48.0753, 0.3053, 0.3266



48.0753, 0.3055, 0.3238



48.0753, 0.3076, 0.3224

Triad

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



48.0753, 0.3055, 0.3238



48.0753, 0.3183, 0.3279



48.0753, 0.3144, 0.3354

Complementary

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



48.0753, 0.3055, 0.3238



48.4031, 0.3201, 0.3341

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.



48.0753, 0.3179, 0.3357



48.0753, 0.3055, 0.3238



48.0753, 0.3202, 0.3314

Square

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



48.0753, 0.3055, 0.3238



48.0753, 0.3150, 0.3248



48.0753, 0.3200, 0.3342



48.0753, 0.3104, 0.3333

Rectangle

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



48.0753, 0.3055, 0.3238



48.0753, 0.3098, 0.3225



48.0753, 0.3200, 0.3342



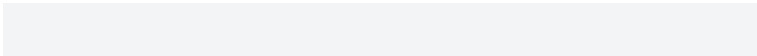
48.0753, 0.3156, 0.3357

Sweetspot

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



48.0773, 0.3055, 0.3238



90.0470, 0.3112, 0.3279



49.5609, 0.3092, 0.3356



19.3763, 0.3113, 0.3280



95.5105, 0.3127, 0.3290



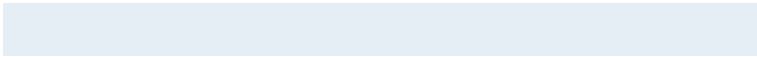
19.5994, 0.3127, 0.3290

Same Dimension

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



48.0773, 0.3055, 0.3238



84.7229, 0.3035, 0.3223



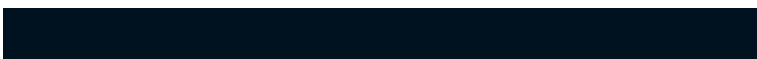
46.2664, 0.3056, 0.3181



10.4292, 0.3028, 0.3218



9.4044, 0.1829, 0.1783



0.4970, 0.1939, 0.2179

Inverse Universe

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



46.9680, 0.3165, 0.3226



82.2209, 0.3176, 0.3208



50.2581, 0.3197, 0.3397



10.0984, 0.3179, 0.3202



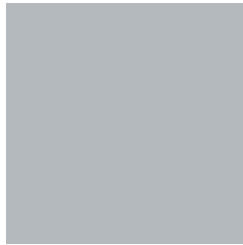
7.9791, 0.4706, 0.2366



0.3255, 0.4255, 0.2118

Previews

White Background



This preview shows how the Yxy color 48.0753, 0.3055, 0.3238 looks on a white background.

Color Contrast Check

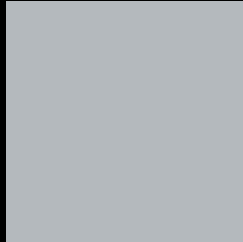
Large Text (above 18pt) WCAG AA × Fail

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 48.0753, 0.3055, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

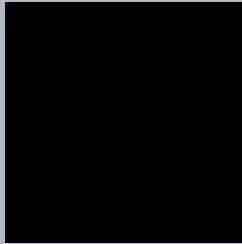
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

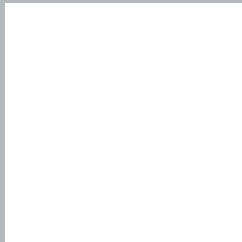
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.0753, 0.3055, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 48.0753, 0.3055, 0.3238.



This preview shows how white text looks on a background with the Yxy color 48.0753, 0.3055, 0.3238.

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

48.0753, 0.3055, 0.3238

Protanopia

47.9369, 0.3113, 0.3226

Deuteranopia

48.1000, 0.3211, 0.3154



Tritanopia

48.1820, 0.2996, 0.3111

Trichromacy



Original Color

48.0753, 0.3055, 0.3238

Protanomaly

48.1022, 0.3096, 0.3239

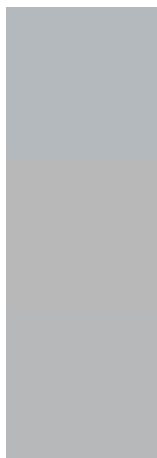
Deuteranomaly

47.9719, 0.3150, 0.3177

Tritanomaly

48.0449, 0.3018, 0.3149

Monochromacy



Original Color

48.0753, 0.3055, 0.3238

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.8934, 0.3103, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0753, 0.3055, 0.3238 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, 185, 189)` looks like.

```
.text, #text, p{  
    color:rgb(180, 185, 189)  
}
```

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, 185, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 185, 189) }
```

Border

The CSS property to change the border of an element to Yxy 48.0753, 0.3055, 0.3238 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, 185, 189) }
```

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

```
.border{ border-color:rgb(180, 185, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 185, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 185, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 185, 189);  
box-shadow:4px 4px 4px 4px rgb(180, 185,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0753, 0.3055, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 185, 189) }
```

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

```
.background{ background-color: rgb(180,  
185, 189) }
```

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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