

Converting Colors

$Yxy(48.1694, 0.3024, 0.3339)$

Have a look what the booklet for
Yxy(48.1694, 0.3024, 0.3339)
contains.

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Color

Yxy(48.1978, 0.3027, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	ACBCB8
RGB	172, 188, 184
RGB Percent	67%, 74%, 72%
CMY	0.3256, 0.2627, 0.2785
CMYK	0.09, 0.00, 0.02, 0.26
HSL	165°, 11%, 71%
HSV	165°, 9%, 74%
XYZ	43.6419, 48.1978, 52.3356
YIQ	182.7600, -8.2520, -4.6360

Conversions

Conversions Part 2

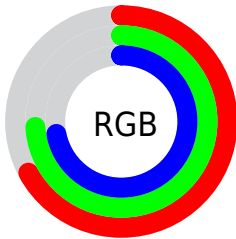
Format	Color
R_YB	172, 181, 188
Decimal	11320504
CIE Lab	74.95, -6.29, 0.14
CIE LCh	75, 6.288, 178.696
Yxy	48.1978, 0.3027, 0.3343
Android (android.graphics.Color)	4289510584 (0xFFACBCB8)
YUV	182.7600, 0.6113, -9.4365
Hunter-Lab	69.4246, -9.2841, 3.9016

Details

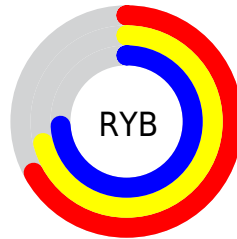
The Yxy color **48.1978, 0.3027, 0.3343** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.3243, 0.3238, 0.3238**, and the grayscale version is **47.2137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3235, 0.3042, 0.3331**, and **22.9597, 0.3003, 0.3362** is the 20% darker color. If you saturate the color by 10%, you get **46.0260, 0.2914, 0.3411**, and if you desaturate by 10%, it is **50.6813, 0.3145, 0.3281**.

Distribution



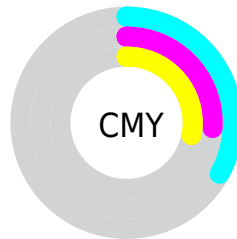
- Red (67%)
- Green (74%)
- Blue (72%)



- Red (67%)
- Yellow (71%)
- Blue (74%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)





- Cyan (33%)
- Magenta (26%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1978, 0.3027, 0.3343 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 48.1978, 0.3027, 0.3343 by changing the saturation by 10% instead.


 48.1978, 0.3027,
0.3343

 48.1978, 0.3027,
0.3343


379.5756, 0.3077,
0.3317

 33.9836, 0.3015,
0.3350


 87.4988, 0.3045,
0.3333

 22.8810, 0.2999,
0.3358


113.3544, 0.3052,
0.3330

 14.5056, 0.2978,
0.3369


143.8592, 0.3058,
0.3327

 8.4732, 0.2948,
0.3384

179.3977, 0.3063,
0.3324

 4.3992, 0.2905,
0.3407

220.3541, 0.3067,
0.3322

 1.8993, 0.2833,
0.3445

267.1130, 0.3071,

 0.5479, 0.2446,

0.3320

0.3648

320.0587, 0.3074,
0.3318

0.0000, 0.0000,
0.0000

48.1978, 0.3027,
0.3343

48.1978, 0.3027,
0.3343

46.0260, 0.2914,
0.3411

50.6813, 0.3145,
0.3281

44.1470, 0.2808,
0.3485

53.4823, 0.3264,
0.3226

42.5495, 0.2712,
0.3565

56.6140, 0.3384,
0.3177

41.2189, 0.2629,
0.3651

60.0872, 0.3503,
0.3133

40.1392, 0.2562,
0.3740

61.7691, 0.3529,
0.3089

■ 39.2928, 0.2512,
0.3832

■ 62.0052, 0.3489,
0.3041

■ 38.6596, 0.2482,
0.3925

■ 62.2483, 0.3451,
0.2993

■ 38.2162, 0.2472,
0.4019

■ 62.4984, 0.3412,
0.2946

■ 37.9239, 0.2478,
0.4112

■ 62.7557, 0.3375,
0.2900

Harmonies

Analogous

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



48.1978, 0.3108, 0.3408



48.1978, 0.3027, 0.3343



48.1978, 0.2973, 0.3264

Triad

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



48.1978, 0.3027, 0.3343



48.1978, 0.3058, 0.3144



48.1978, 0.3297, 0.3384

Complementary

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



48.1978, 0.3027, 0.3343



43.3243, 0.3238, 0.3238

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.



48.1978, 0.3284, 0.3313



48.1978, 0.3027, 0.3343



48.1978, 0.3145, 0.3176

Square

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



48.1978, 0.3027, 0.3343



48.1978, 0.2991, 0.3150



48.1978, 0.3228, 0.3238



48.1978, 0.3265, 0.3431

Rectangle

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



48.1978, 0.3027, 0.3343



48.1978, 0.2959, 0.3215



48.1978, 0.3228, 0.3238



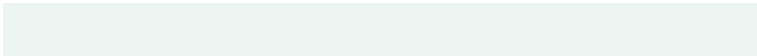
48.1978, 0.3298, 0.3362

Sweetspot

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



48.1998, 0.3027, 0.3343



89.7351, 0.3091, 0.3308



48.2095, 0.3153, 0.3503



19.2190, 0.3082, 0.3313



95.5105, 0.3127, 0.3290



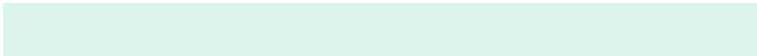
19.5994, 0.3127, 0.3290

Same Dimension

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



48.1998, 0.3027, 0.3343



86.6599, 0.3008, 0.3354



46.7933, 0.2997, 0.3240



10.7674, 0.3017, 0.3348



25.8026, 0.2476, 0.4114



1.0206, 0.2414, 0.3892

Inverse Universe

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



43.3243, 0.3238, 0.3238



76.2487, 0.3262, 0.3227



44.6110, 0.3268, 0.3339



9.5747, 0.3250, 0.3232



7.4312, 0.5896, 0.3022



0.3020, 0.5197, 0.2636

Previews

White Background



This preview shows how the Yxy color 48.1978, 0.3027, 0.3343 looks on a white background.

Color Contrast Check

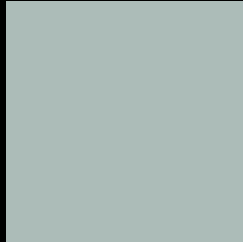
Large Text (above 18pt) WCAG AA × Fail

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 48.1978, 0.3027, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

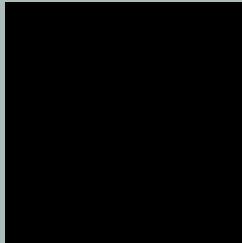
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

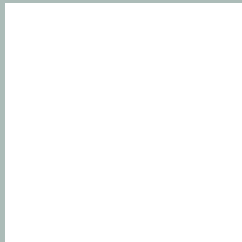
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.1978, 0.3027, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 48.1978, 0.3027, 0.3343.



This preview shows how white text looks on a background with the Yxy color 48.1978, 0.3027, 0.3343.

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

48.1978, 0.3027, 0.3343

Protanopia

47.8945, 0.3186, 0.3316

Deuteranopia

47.8035, 0.3263, 0.3192



Tritanopia

48.4019, 0.2934, 0.3110

Trichromacy



Original Color

48.1978, 0.3027, 0.3343

Protanomaly

48.0204, 0.3125, 0.3329

Deuteranomaly

47.9058, 0.3172, 0.3252

Tritanomaly

48.4344, 0.2970, 0.3199

Monochromacy



Original Color

48.1978, 0.3027, 0.3343

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.7005, 0.3093, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1978, 0.3027, 0.3343 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(172, 188, 184)` looks like.

```
.text, #text, p{  
    color:rgb(172, 188, 184)  
}
```

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(172, 188, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 188, 184) }
```

Border

The CSS property to change the border of an element to Yxy 48.1978, 0.3027, 0.3343 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(172, 188, 184) }
```

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

```
.border{ border-color:rgb(172, 188, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 188, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 188, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 188, 184);  
box-shadow:4px 4px 4px 4px rgb(172, 188,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1978, 0.3027, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 188, 184) }
```

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

```
.background{ background-color: rgb(172,  
188, 184) }
```

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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