

Converting Colors

$Yxy(48.3896, 0.3038, 0.3376)$

Have a look what the booklet for
Yxy(48.3896, 0.3038, 0.3376)
contains.

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Color

Yxy(48.5432, 0.3042, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	ACBDB6
RGB	172, 189, 182
RGB Percent	67%, 74%, 71%
CMY	0.3253, 0.2589, 0.2862
CMYK	0.09, 0.00, 0.04, 0.26
HSL	155°, 11%, 71%
HSV	155°, 9%, 74%
XYZ	43.6630, 48.5432, 51.3278
YIQ	183.1190, -7.8850, -5.7810

Conversions

Conversions Part 2

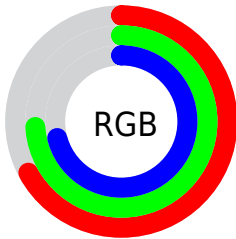
Format	Color
R _{YB}	172, 183, 189
Decimal	11320758
CIE Lab	75.17, -7.16, 1.53
CIE LCh	75, 7.320, 167.943
Yxy	48.5432, 0.3042, 0.3382
Android (android.graphics.Color)	4289510838 (0xFFACBDB6)
YUV	183.1190, -0.5517, -9.7514
Hunter-Lab	69.6730, -10.0643, 5.0924

Details

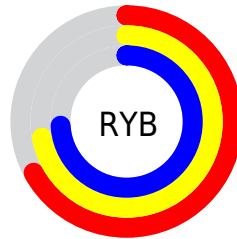
The Yxy color **48.5432, 0.3042, 0.3382** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.5984, 0.3221, 0.3200**, and the grayscale version is **47.4343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8088, 0.3054, 0.3362**, and **23.1864, 0.3023, 0.3417** is the 20% darker color. If you saturate the color by 10%, you get **46.2427, 0.2950, 0.3496**, and if you desaturate by 10%, it is **51.1699, 0.3137, 0.3280**.

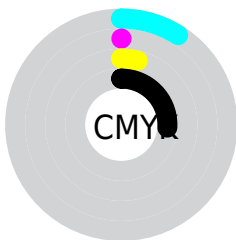
Distribution



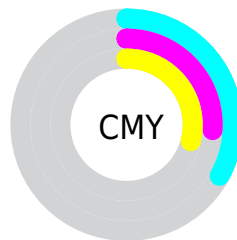
- Red (67%)
- Green (74%)
- Blue (71%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (26%)




- Cyan (33%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5432, 0.3042, 0.3382 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 48.5432, 0.3042, 0.3382 by changing the saturation by 10% instead.


 48.5432, 0.3042,
0.3382

 48.5432, 0.3042,
0.3382


380.9412, 0.3084,
0.3336

 34.2573, 0.3031,
0.3393


 88.0126, 0.3057,
0.3365

 23.0913, 0.3018,
0.3408


113.9649, 0.3063,
0.3359

 14.6609, 0.3000,
0.3428


144.5747, 0.3068,
0.3354

 8.5818, 0.2975,
0.3455


180.2265, 0.3072,
0.3349

 4.4694, 0.2937,
0.3497

221.3047, 0.3076,
0.3345

 1.9395, 0.2875,
0.3565

268.1936, 0.3079,

 0.5719, 0.2532,

0.3342

0.3926

321.2776, 0.3082,
0.3339

0.0000, 0.0000,
0.0000

48.5432, 0.3042,
0.3382

48.5432, 0.3042,
0.3382

46.2427, 0.2950,
0.3496

51.1699, 0.3137,
0.3280

44.2490, 0.2863,
0.3621

54.1289, 0.3233,
0.3189

42.5505, 0.2784,
0.3756

57.4340, 0.3328,
0.3108

41.1319, 0.2717,
0.3902

61.0960, 0.3421,
0.3037

39.9768, 0.2664,
0.4055

62.8695, 0.3418,
0.2965

■ 39.0670, 0.2629,
0.4214

■ 63.2944, 0.3356,
0.2888

■ 38.3819, 0.2612,
0.4374

■ 63.7389, 0.3296,
0.2814

■ 37.8972, 0.2616,
0.4533

■ 64.2031, 0.3236,
0.2741

■ 37.5710, 0.2638,
0.4688

■ 64.6874, 0.3178,
0.2669

Harmonies

Analogous

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



48.5432, 0.3142, 0.3446



48.5432, 0.3042, 0.3382



48.5432, 0.2966, 0.3293

Triad

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



48.5432, 0.3042, 0.3382



48.5432, 0.3015, 0.3118



48.5432, 0.3326, 0.3371

Complementary

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



48.5432, 0.3042, 0.3382



43.5984, 0.3221, 0.3200

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.



48.5432, 0.3291, 0.3285



48.5432, 0.3042, 0.3382



48.5432, 0.3110, 0.3140

Square

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



48.5432, 0.3042, 0.3382



48.5432, 0.2951, 0.3141



48.5432, 0.3212, 0.3201



48.5432, 0.3306, 0.3438

Rectangle

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



48.5432, 0.3042, 0.3382



48.5432, 0.2938, 0.3232



48.5432, 0.3212, 0.3201



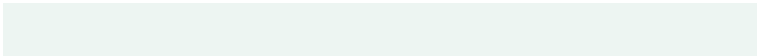
48.5432, 0.3320, 0.3343

Sweetspot

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



48.5453, 0.3042, 0.3382



89.6641, 0.3098, 0.3320



48.9683, 0.3175, 0.3513



19.1998, 0.3090, 0.3328



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.



48.5453, 0.3042, 0.3382



85.9928, 0.3021, 0.3406



48.2369, 0.2991, 0.3271



10.7412, 0.3038, 0.3386



25.2768, 0.2635, 0.4684



1.0028, 0.2531, 0.4312

Inverse Universe

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



43.5984, 0.3221, 0.3200



75.1086, 0.3247, 0.3177



43.8633, 0.3279, 0.3309



9.5998, 0.3225, 0.3196



7.6629, 0.5299, 0.2693



0.3132, 0.4679, 0.2351

Previews

White Background



This preview shows how the Yxy color 48.5432, 0.3042, 0.3382 looks on a white background.

Color Contrast Check

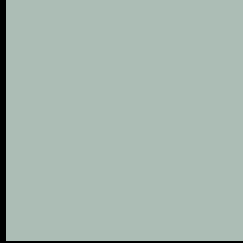
Large Text (above 18pt) WCAG AA × Fail

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 48.5432, 0.3042, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

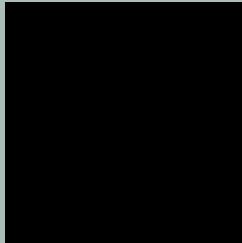
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

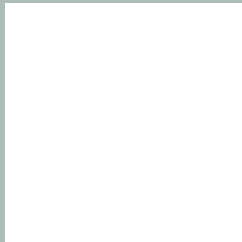
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5432, 0.3042, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 48.5432, 0.3042, 0.3382.



This preview shows how white text looks on a background with the Yxy color 48.5432, 0.3042, 0.3382.

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

48.5432, 0.3042, 0.3382

Protanopia

48.3545, 0.3209, 0.3354

Deuteranopia

48.3974, 0.3296, 0.3229



Tritanopia

48.4488, 0.2927, 0.3097

Trichromacy



Original Color

48.5432, 0.3042, 0.3382

Protanomaly

48.4804, 0.3149, 0.3368

Deuteranomaly

48.4923, 0.3204, 0.3290

Tritanomaly

48.4344, 0.2970, 0.3199

Monochromacy



Original Color

48.5432, 0.3042, 0.3382

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 48.5432, 0.3042, 0.3382 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, 189, 182)` looks like.

```
.text, #text, p{  
    color:rgb(172, 189, 182)  
}
```

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, 189, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 189, 182) }
```

Border

The CSS property to change the border of an element to Yxy 48.5432, 0.3042, 0.3382 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, 189, 182) }
```

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

```
.border{ border-color:rgb(172, 189, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 189, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 189, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 189, 182);  
box-shadow:4px 4px 4px 4px rgb(172, 189,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5432, 0.3042, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 189, 182) }
```

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

```
.background{ background-color: rgb(172,  
189, 182) }
```

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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