

Converting Colors

$Yxy(48.1317, 0.3191, 0.3526)$

Have a look what the booklet for
Yxy(48.1317, 0.3191, 0.3526)
contains.

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Color

Yxy(48.0266, 0.3192, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	B3BBAA
RGB	179, 187, 170
RGB Percent	70%, 73%, 67%
CMY	0.2981, 0.2666, 0.3334
CMYK	0.04, 0.00, 0.09, 0.27
HSL	88°, 11%, 70%
HSV	88°, 9%, 73%
XYZ	43.6133, 48.0266, 44.9933
YIQ	182.6700, 0.6890, -6.9830

Conversions

Conversions Part 2

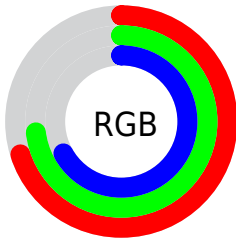
Format	Color
RYB	170, 187, 178
Decimal	11778986
CIELab	74.84, -5.91, 7.66
CIElCh	75, 9.669, 127.647
Yxy	48.0266, 0.3192, 0.3515
Android (android.graphics.Color)	4289969066 (0xFFB3BBAA)
YUV	182.6700, -6.2463, -3.2186
Hunter-Lab	69.3012, -8.9417, 10.0172

Details

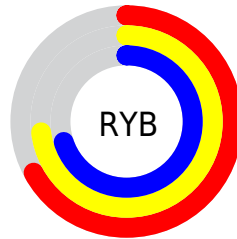
The Yxy color **48.0266, 0.3192, 0.3515** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.7973, 0.3058, 0.3065**, and the grayscale version is **47.1980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1996, 0.3184, 0.3475**, and **22.7938, 0.3205, 0.3581** is the 20% darker color. If you saturate the color by 10%, you get **46.3544, 0.3263, 0.3781**, and if you desaturate by 10%, it is **49.8707, 0.3121, 0.3269**.

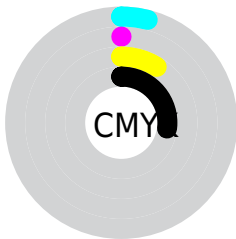
Distribution



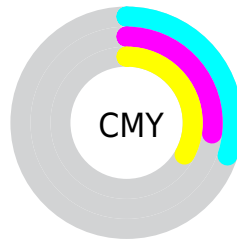
- Red (70%)
- Green (73%)
- Blue (67%)



- Red (67%)
- Yellow (73%)
- Blue (70%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (27%)




- Cyan (30%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0266, 0.3192, 0.3515 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 48.0266, 0.3192, 0.3515 by changing the saturation by 10% instead.

 48.0266, 0.3192,
0.3515

 48.0266, 0.3192,
0.3515


378.8976, 0.3160,
0.3402

 33.8480, 0.3200,
0.3544


 87.2440, 0.3181,
0.3474

 22.7768, 0.3209,
0.3580


113.0516, 0.3176,
0.3458

 14.4288, 0.3222,
0.3630


143.5042, 0.3173,
0.3445

 8.4195, 0.3239,
0.3699

178.9863, 0.3170,
0.3434

 4.3645, 0.3264,
0.3804

219.8823, 0.3167,
0.3424

 1.8795, 0.3301,
0.3980

266.5766, 0.3164,

 0.5360, 0.3846,

0.3416

0.5644

319.4535, 0.3162,
0.3408

0.0000, 0.0000,
0.0000

48.0266, 0.3192,
0.3515

48.0266, 0.3192,
0.3515

46.3544, 0.3263,
0.3781

49.8707, 0.3121,
0.3269

44.8424, 0.3330,
0.4064

51.8856, 0.3051,
0.3044

43.4868, 0.3391,
0.4356

54.0784, 0.2984,
0.2841

42.2814, 0.3441,
0.4648

56.4538, 0.2921,
0.2659

41.2196, 0.3476,
0.4928

58.4573, 0.2918,
0.2574

■ 40.2940, 0.3492,
0.5181

■ 59.8934, 0.2983,
0.2588

■ 39.4964, 0.3485,
0.5394

■ 61.4032, 0.3049,
0.2601

■ 38.8174, 0.3457,
0.5556

■ 62.9880, 0.3116,
0.2615

■ 38.2413, 0.3410,
0.5668

■ 64.0244, 0.3158,
0.2624

Harmonies

Analogous

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



48.0266, 0.3311, 0.3519



48.0266, 0.3192, 0.3515



48.0266, 0.3057, 0.3447

Triad

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



48.0266, 0.3192, 0.3515



48.0266, 0.2878, 0.3115



48.0266, 0.3314, 0.3242

Complementary

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



48.0266, 0.3192, 0.3515



41.7973, 0.3058, 0.3065

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.



48.0266, 0.3194, 0.3140



48.0266, 0.3192, 0.3515



48.0266, 0.2943, 0.3067

Square

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



48.0266, 0.3192, 0.3515



48.0266, 0.2878, 0.3213



48.0266, 0.3058, 0.3076



48.0266, 0.3383, 0.3358

Rectangle

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



48.0266, 0.3192, 0.3515



48.0266, 0.2977, 0.3376



48.0266, 0.3058, 0.3076



48.0266, 0.3278, 0.3205

Sweetspot

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



48.0287, 0.3192, 0.3515



87.9710, 0.3149, 0.3363



45.2803, 0.3273, 0.3394



19.3135, 0.3155, 0.3383



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.



48.0287, 0.3192, 0.3515



85.3637, 0.3207, 0.3569



47.0538, 0.3121, 0.3520



10.8913, 0.3194, 0.3522



26.3558, 0.3414, 0.5671



1.0710, 0.3595, 0.5528

Inverse Universe

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



41.7973, 0.3058, 0.3065



71.8532, 0.3040, 0.3011



42.8265, 0.3132, 0.3070



9.4397, 0.3056, 0.3058



3.9465, 0.1980, 0.0864



0.1935, 0.2253, 0.1015

Previews

White Background



This preview shows how the Yxy color 48.0266, 0.3192, 0.3515 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 48.0266, 0.3192, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

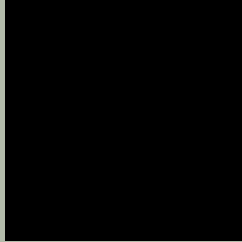
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

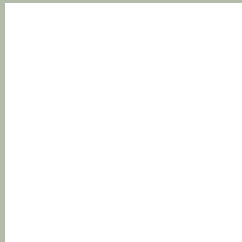
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.0266, 0.3192, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 48.0266, 0.3192, 0.3515.



This preview shows how white text looks on a background with the Yxy color 48.0266, 0.3192, 0.3515.

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

48.0266, 0.3192, 0.3515

Protanopia

47.7705, 0.3317, 0.3484

Deuteranopia

47.9412, 0.3427, 0.3365



Tritanopia

47.9655, 0.3019, 0.3112

Trichromacy



Original Color

48.0266, 0.3192, 0.3515

Protanomaly

47.7103, 0.3272, 0.3485

Deuteranomaly

47.7238, 0.3340, 0.3418

Tritanomaly

47.8139, 0.3087, 0.3251

Monochromacy



Original Color

48.0266, 0.3192, 0.3515

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.4404, 0.3157, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0266, 0.3192, 0.3515 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(179, 187, 170)` looks like.

```
.text, #text, p{  
    color:rgb(179, 187, 170)  
}
```

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(179, 187, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 187, 170) }
```

Border

The CSS property to change the border of an element to Yxy 48.0266, 0.3192, 0.3515 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(179, 187, 170) }
```

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

```
.border{ border-color:rgb(179, 187, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 187, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 187, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 187, 170);  
box-shadow:4px 4px 4px 4px rgb(179, 187,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0266, 0.3192, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 187, 170) }
```

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

```
.background{ background-color: rgb(179,  
187, 170) }
```

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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