

Converting Colors

$Yxy(50.1477, 0.3082, 0.3394)$

Have a look what the booklet for
Yxy(50.1477, 0.3082, 0.3394)
contains.

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Color

Yxy(50.1455, 0.3082, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	B2BFB7
RGB	178, 191, 183
RGB Percent	70%, 75%, 72%
CMY	0.3020, 0.2510, 0.2824
CMYK	0.07, 0.00, 0.04, 0.25
HSL	143°, 9%, 72%
HSV	143°, 7%, 75%
XYZ	45.5358, 50.1455, 52.0662
YIQ	186.2010, -5.1800, -5.2440

Conversions

Conversions Part 2

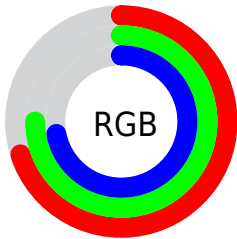
Format	Color
RYB	178, 187, 191
Decimal	11714487
CIELab	76.16, -6.00, 2.50
CIELCh	76, 6.496, 157.394
Yxy	50.1455, 0.3082, 0.3394
Android (android.graphics.Color)	4289904567 (0xFFB2BFB7)
YUV	186.2010, -1.5781, -7.1923
Hunter-Lab	70.8135, -9.1413, 5.9760

Details

The Yxy color **50.1455, 0.3082, 0.3394** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.4639, 0.3175, 0.3188**, and the grayscale version is **49.2327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2459, 0.3092, 0.3371**, and **24.1486, 0.3066, 0.3432** is the 20% darker color. If you saturate the color by 10%, you get **47.5728, 0.3016, 0.3563**, and if you desaturate by 10%, it is **53.0782, 0.3148, 0.3244**.

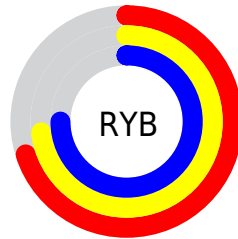
Distribution



Red (70%)

Green (75%)

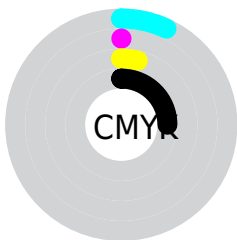
Blue (72%)



Red (70%)

Yellow (73%)

Blue (75%)

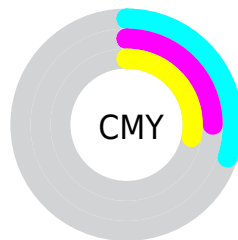


Cyan (7%)

Magenta (0%)

Yellow (4%)

Black (25%)



Cyan (30%)

Magenta (25%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1455, 0.3082, 0.3394 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 50.1455, 0.3082, 0.3394 by changing the saturation by 10% instead.

■ 50.1455, 0.3082,
0.3394

■ 50.1455, 0.3082,
0.3394

387.2347, 0.3105,
0.3342

■ 35.5290, 0.3076,
0.3407

■ 90.3904, 0.3090,
0.3375

■ 24.0707, 0.3069,
0.3423

116.7876, 0.3093,
0.3368

■ 15.3861, 0.3060,
0.3445

147.8806, 0.3096,
0.3362

■ 9.0908, 0.3046,
0.3476

184.0536, 0.3098,
0.3357

■ 4.8004, 0.3026,
0.3521

225.6912, 0.3100,
0.3353

■ 2.1307, 0.2993,
0.3596

273.1776, 0.3102,

■ 0.6818, 0.2865,

0.3349

0.3893

326.8973, 0.3103,
0.3345

0.0000, 0.0000,
0.0000

50.1455, 0.3082,
0.3394

50.1455, 0.3082,
0.3394

47.5728, 0.3016,
0.3563

53.0782, 0.3148,
0.3244

45.3398, 0.2953,
0.3750

56.3776, 0.3214,
0.3112

43.4337, 0.2896,
0.3956


60.0583, 0.3277,
0.2996

41.8386, 0.2846,
0.4178

64.1322, 0.3338,
0.2895

40.5370, 0.2808,
0.4412


64.9310, 0.3253,
0.2783


 39.5099, 0.2784,
0.4652

 65.6622, 0.3166,
0.2675

 38.7358, 0.2777,
0.4889

 65.7448, 0.3157,
0.2663

 38.1896, 0.2789,
0.5115

 37.8382, 0.2818,
0.5320

Harmonies

Analogous

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



50.1455, 0.3171, 0.3438



50.1455, 0.3082, 0.3394



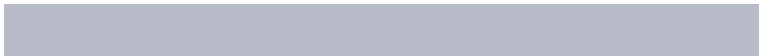
50.1455, 0.3005, 0.3321

Triad

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



50.1455, 0.3082, 0.3394



50.1455, 0.3005, 0.3142



50.1455, 0.3296, 0.3336

Complementary

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



50.1455, 0.3082, 0.3394



46.4639, 0.3175, 0.3188

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.



50.1455, 0.3250, 0.3258



50.1455, 0.3082, 0.3394



50.1455, 0.3081, 0.3147

Square

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



50.1455, 0.3082, 0.3394



50.1455, 0.2961, 0.3175



50.1455, 0.3171, 0.3190



50.1455, 0.3296, 0.3403

Rectangle

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



50.1455, 0.3082, 0.3394



50.1455, 0.2972, 0.3267



50.1455, 0.3171, 0.3190



50.1455, 0.3285, 0.3310

Sweetspot

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



50.1476, 0.3082, 0.3394



92.2341, 0.3114, 0.3320



50.9480, 0.3187, 0.3456



20.2654, 0.3114, 0.3319



97.7402, 0.3127, 0.3290



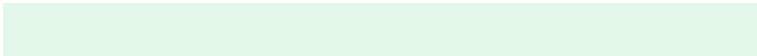
20.4902, 0.3127, 0.3290

Same Dimension

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



50.1476, 0.3082, 0.3394



89.1643, 0.3073, 0.3415



50.4156, 0.3036, 0.3312



10.7085, 0.3065, 0.3435



24.8196, 0.2821, 0.5356



0.9851, 0.2682, 0.4854

Inverse Universe

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



46.4639, 0.3175, 0.3188



81.3619, 0.3185, 0.3168



46.2020, 0.3227, 0.3268



9.6327, 0.3195, 0.3149



8.1532, 0.4452, 0.2226



0.3318, 0.4080, 0.2021

Previews

White Background



This preview shows how the Yxy color 50.1455, 0.3082, 0.3394 looks on a white background.

Color Contrast Check

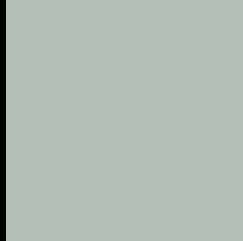
Large Text (above 18pt) WCAG AA × Fail

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 50.1455, 0.3082, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

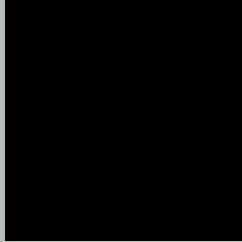
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

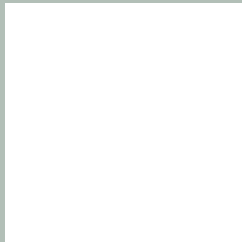
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.1455, 0.3082, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 50.1455, 0.3082, 0.3394.



This preview shows how white text looks on a background with the Yxy color 50.1455, 0.3082, 0.3394.

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

50.1455, 0.3082, 0.3394

Protanopia

50.2143, 0.3224, 0.3366

Deuteranopia

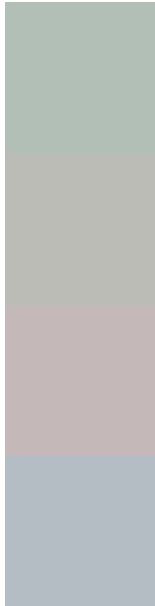
49.8159, 0.3320, 0.3242



Tritanopia

50.1020, 0.2960, 0.3101

Trichromacy



Original Color

50.1455, 0.3082, 0.3394

Protanomaly

50.0352, 0.3173, 0.3366

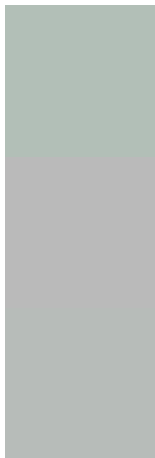
Deuteranomaly

49.8944, 0.3228, 0.3303

Tritanomaly

50.0840, 0.3002, 0.3201

Monochromacy



Original Color

50.1455, 0.3082, 0.3394

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.5365, 0.3109, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1455, 0.3082, 0.3394 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(178, 191, 183)` looks like.

```
.text, #text, p{  
    color:rgb(178, 191, 183)  
}
```

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(178, 191, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 191, 183) }
```

Border

The CSS property to change the border of an element to Yxy 50.1455, 0.3082, 0.3394 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(178, 191, 183) }
```

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

```
.border{ border-color:rgb(178, 191, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 191, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 191, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 191, 183);  
box-shadow:4px 4px 4px 4px rgb(178, 191,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1455, 0.3082, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 191, 183) }
```

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

```
.background{ background-color: rgb(178,  
191, 183) }
```

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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