

Converting Colors

Yxy(58.7642, 0.3141, 0.3626)

Have a look what the booklet for
Yxy(58.7642, 0.3141, 0.3626)
contains.

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Color

Yxy(58.7622, 0.3141, 0.3626)

Conversions

Conversions Part 1

Format	Color
Hex	B9D0B5
RGB	185, 208, 181
RGB Percent	73%, 82%, 71%
CMY	0.2746, 0.1843, 0.2901
CMYK	0.11, 0.00, 0.13, 0.18
HSL	111°, 22%, 76%
HSV	111°, 13%, 82%
XYZ	50.9024, 58.7622, 52.3933
YIQ	198.0450, -5.0410, -13.2730

Conversions

Conversions Part 2

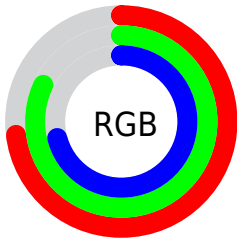
Format	Color
RYB	181, 208, 204
Decimal	12177589
CIELab	81.16, -12.76, 10.79
CIELCh	81, 16.710, 139.759
Yxy	58.7622, 0.3141, 0.3626
Android (android.graphics.Color)	4290367669 (0xFFB9D0B5)
YUV	198.0450, -8.4032, -11.4405
Hunter-Lab	76.6565, -15.6191, 13.1359

Details

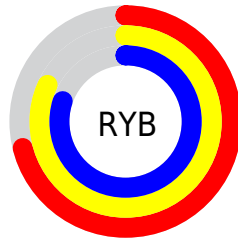
The Yxy color **58.7622, 0.3141, 0.3626** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.4630, 0.3109, 0.2970**, and the grayscale version is **56.5554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3352, 0.3144, 0.3468**, and **29.5752, 0.3146, 0.3727** is the 20% darker color. If you saturate the color by 10%, you get **55.9010, 0.3149, 0.3920**, and if you desaturate by 10%, it is **62.0318, 0.3131, 0.3362**.

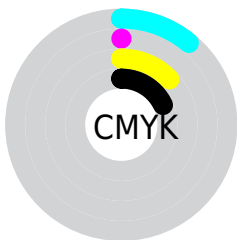
Distribution



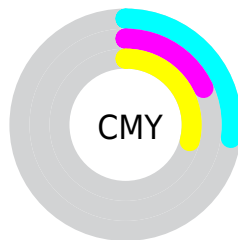
- Red (73%)
- Green (82%)
- Blue (71%)



- Red (71%)
- Yellow (82%)
- Blue (80%)



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)




- Cyan (27%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7622, 0.3141, 0.3626 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 58.7622, 0.3141, 0.3626 by changing the saturation by 10% instead.

 58.7622, 0.3141,
0.3626

 58.7622, 0.3141,
0.3626


420.0201, 0.3136,
0.3461

 42.4217, 0.3142,
0.3666


 103.0320, 0.3140,
0.3567

 29.4317, 0.3142,
0.3718


131.7300, 0.3139,
0.3544

 19.4076, 0.3143,
0.3785


165.3161, 0.3138,
0.3525

 11.9652, 0.3142,
0.3877

204.1746, 0.3138,
0.3509

 6.7200, 0.3139,
0.4012

248.6898, 0.3137,
0.3495

 3.2876, 0.3131,
0.4225

299.2462, 0.3137,

 1.2837, 0.3153,

0.3482

0.4689

356.2282, 0.3136,
0.3471

0.1285, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.7622, 0.3141,
0.3626

58.7622, 0.3141,
0.3626

55.9010, 0.3149,
0.3920

62.0318, 0.3131,
0.3362

53.4250, 0.3154,
0.4241

65.7173, 0.3119,
0.3129

51.3198, 0.3154,
0.4581

69.8351, 0.3106,
0.2926

49.5674, 0.3148,
0.4924

73.5956, 0.3149,
0.2831

■ 48.1482, 0.3134,
0.5251

■ 47.0407, 0.3114,
0.5537

■ 46.2207, 0.3087,
0.5761

■ 45.6604, 0.3057,
0.5907

■ 45.3977, 0.3038,
0.5970

Harmonies

Analogous

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



58.7622, 0.3352, 0.3673



58.7622, 0.3141, 0.3626



58.7622, 0.2932, 0.3479

Triad

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



58.7622, 0.3141, 0.3626



58.7622, 0.2759, 0.2965



58.7622, 0.3488, 0.3285

Complementary

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



58.7622, 0.3141, 0.3626



50.4630, 0.3109, 0.2970

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.



58.7622, 0.3319, 0.3111



58.7622, 0.3141, 0.3626



58.7622, 0.2898, 0.2929

Square

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



58.7622, 0.3141, 0.3626



58.7622, 0.2716, 0.3090



58.7622, 0.3102, 0.2982



58.7622, 0.3557, 0.3467

Rectangle

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



58.7622, 0.3141, 0.3626



58.7622, 0.2821, 0.3347



58.7622, 0.3102, 0.2982



58.7622, 0.3440, 0.3224

Sweetspot

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



58.7647, 0.3141, 0.3626



97.7458, 0.3132, 0.3389



59.9163, 0.3326, 0.3562



20.8335, 0.3133, 0.3409



0.0000, 0.0000, 0.0000



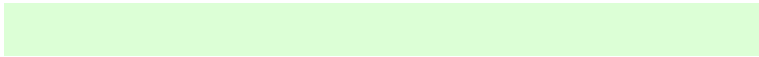
21.4041, 0.3127, 0.3290

Same Dimension

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



58.7647, 0.3141, 0.3626



91.6264, 0.3144, 0.3718



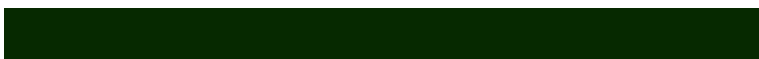
58.6821, 0.3047, 0.3508



13.2880, 0.3137, 0.3529



28.3178, 0.3044, 0.5965



1.6106, 0.3145, 0.5885

Inverse Universe

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



50.4630, 0.3109, 0.2970



75.5609, 0.3104, 0.2887



50.5764, 0.3217, 0.3081



11.9179, 0.3115, 0.3059



8.7407, 0.2845, 0.1341



0.5132, 0.2916, 0.1380

Previews

White Background



This preview shows how the Yxy color 58.7622, 0.3141, 0.3626 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 58.7622, 0.3141, 0.3626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

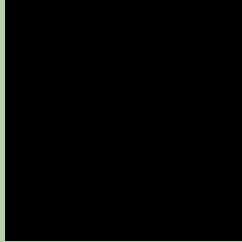
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

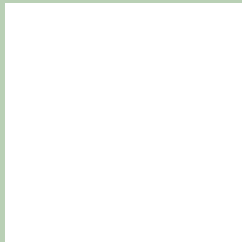
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7622, 0.3141, 0.3626

Background



This preview shows how black text looks on a background with the Yxy color 58.7622, 0.3141, 0.3626.

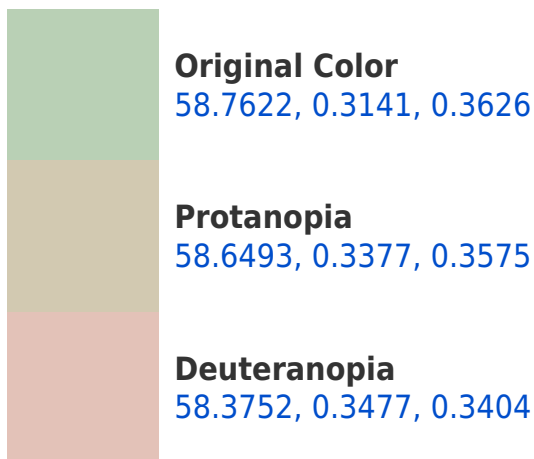


This preview shows how white text looks on a background with the Yxy color 58.7622, 0.3141, 0.3626.

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





Tritanopia

58.9027, 0.2928, 0.3100

Trichromacy



Original Color

58.7622, 0.3141, 0.3626

Protanomaly

58.8176, 0.3292, 0.3605

Deuteranomaly

58.2628, 0.3351, 0.3479

Tritanomaly

58.8892, 0.3007, 0.3290

Monochromacy



Original Color

58.7622, 0.3141, 0.3626

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.3843, 0.3129, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7622, 0.3141, 0.3626 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(185, 208, 181)` looks like.

```
.text, #text, p{  
    color:rgb(185, 208, 181)  
}
```

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(185, 208, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 208, 181) }
```

Border

The CSS property to change the border of an element to Yxy 58.7622, 0.3141, 0.3626 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(185, 208, 181) }
```

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

```
.border{ border-color:rgb(185, 208, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 208, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 208, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 208, 181);  
box-shadow:4px 4px 4px 4px rgb(185, 208,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7622, 0.3141, 0.3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 208, 181) }
```

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

```
.background{ background-color: rgb(185,  
208, 181) }
```

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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