

Converting Colors

Yxy(58.6630, 0.3114, 0.3586)

Have a look what the booklet for
Yxy(58.6630, 0.3114, 0.3586)
contains.

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Color

Yxy(58.7628, 0.3113, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	B8D0B8
RGB	184, 208, 184
RGB Percent	72%, 82%, 72%
CMY	0.2785, 0.1843, 0.2785
CMYK	0.12, 0.00, 0.12, 0.18
HSL	120°, 20%, 77%
HSV	120°, 12%, 82%
XYZ	50.9692, 58.7628, 53.9982
YIQ	198.0880, -6.6000, -12.5520

Conversions

Conversions Part 2

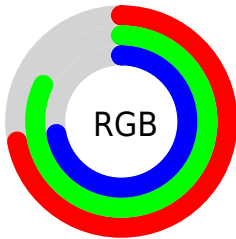
Format	Color
RYB	184, 208, 208
Decimal	12112056
CIELab	81.16, -12.58, 9.21
CIELCh	81, 15.591, 143.786
Yxy	58.7628, 0.3113, 0.3589
Android (android.graphics.Color)	4290302136 (0xFFB8D0B8)
YUV	198.0880, -6.9454, -12.3552
Hunter-Lab	76.6569, -15.4648, 11.8951

Details

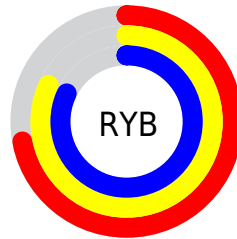
The Yxy color **58.7628, 0.3113, 0.3589** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.2359, 0.3141, 0.3008**, and the grayscale version is **56.5727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3365, 0.3120, 0.3438**, and **29.5752, 0.3109, 0.3676** is the 20% darker color. If you saturate the color by 10%, you get **55.5743, 0.3099, 0.3885**, and if you desaturate by 10%, it is **62.4621, 0.3125, 0.3328**.

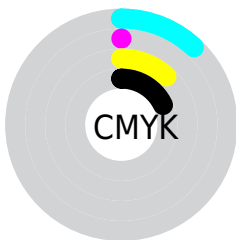
Distribution



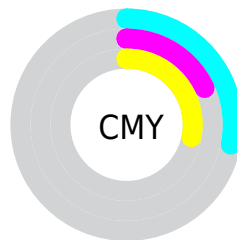
- Red (72%)
- Green (82%)
- Blue (72%)



- Red (72%)
- Yellow (82%)
- Blue (82%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)




- Cyan (28%)
- Magenta (18%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7628, 0.3113, 0.3589 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 58.7628, 0.3113, 0.3589 by changing the saturation by 10% instead.

 58.7628, 0.3113,
0.3589

 58.7628, 0.3113,
0.3589


420.0223, 0.3121,
0.3442

 42.4222, 0.3111,
0.3625


 103.0328, 0.3116,
0.3536

 29.4320, 0.3107,
0.3670


131.7311, 0.3117,
0.3516

 19.4079, 0.3103,
0.3730

165.3173, 0.3118,
0.3499

 11.9654, 0.3096,
0.3812

204.1759, 0.3119,
0.3485

 6.7201, 0.3085,
0.3931

248.6914, 0.3120,
0.3472

 3.2877, 0.3064,
0.4120

299.2480, 0.3120,

 1.2837, 0.3041,

0.3461

0.4500

356.2302, 0.3121,
0.3451

0.1285, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.7628, 0.3113,
0.3589

58.7628, 0.3113,
0.3589

55.5743, 0.3099,
0.3885

62.4621, 0.3125,
0.3328

52.8671, 0.3084,
0.4213

66.6853, 0.3136,
0.3100

50.6202, 0.3067,
0.4564

71.4544, 0.3145,
0.2904

48.8078, 0.3050,
0.4923

73.5977, 0.3149,
0.2831

■ 47.4020, 0.3034,
0.5265

■ 46.3713, 0.3020,
0.5564

■ 45.6799, 0.3009,
0.5793

■ 45.2849, 0.3003,
0.5936

■ 45.1181, 0.3000,
0.6000

Harmonies

Analogous

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



58.7628, 0.3313, 0.3647



58.7628, 0.3113, 0.3589



58.7628, 0.2922, 0.3442

Triad

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



58.7628, 0.3113, 0.3589



58.7628, 0.2796, 0.2977



58.7628, 0.3478, 0.3309

Complementary

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



58.7628, 0.3113, 0.3589



52.2359, 0.3141, 0.3008

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.



58.7628, 0.3331, 0.3143



58.7628, 0.3113, 0.3589



58.7628, 0.2936, 0.2954

Square

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



58.7628, 0.3113, 0.3589



58.7628, 0.2742, 0.3084



58.7628, 0.3131, 0.3015



58.7628, 0.3528, 0.3477

Rectangle

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



58.7628, 0.3113, 0.3589



58.7628, 0.2824, 0.3318



58.7628, 0.3131, 0.3015



58.7628, 0.3438, 0.3252

Sweetspot

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



58.7653, 0.3113, 0.3589



98.0952, 0.3124, 0.3364



61.9890, 0.3298, 0.3573



20.8902, 0.3123, 0.3384



0.0000, 0.0000, 0.0000



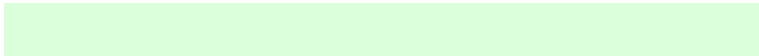
21.4041, 0.3127, 0.3290

Same Dimension

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



58.7653, 0.3113, 0.3589



91.7583, 0.3109, 0.3663



59.2902, 0.3031, 0.3437



13.2064, 0.3116, 0.3530



28.1164, 0.3000, 0.5999



1.5721, 0.2999, 0.5998

Inverse Universe

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



52.2359, 0.3141, 0.3008



79.2980, 0.3144, 0.2943



51.6673, 0.3235, 0.3147



12.0089, 0.3138, 0.3061



11.1915, 0.3211, 0.1543



0.6258, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 58.7628, 0.3113, 0.3589 looks on a white background.

Color Contrast Check

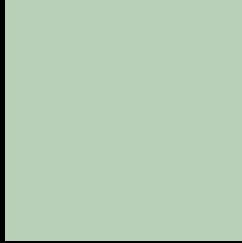
Large Text (above 18pt) WCAG AA × Fail

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 58.7628, 0.3113, 0.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

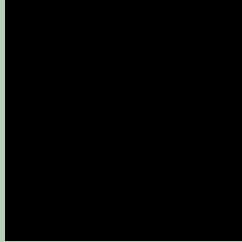
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

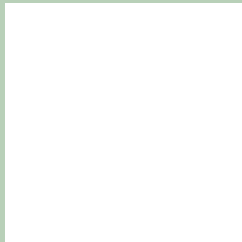
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7628, 0.3113, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 58.7628, 0.3113, 0.3589.



This preview shows how white text looks on a background with the Yxy color 58.7628, 0.3113, 0.3589.

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

58.7628, 0.3113, 0.3589

Protanopia

58.7702, 0.3354, 0.3539

Deuteranopia

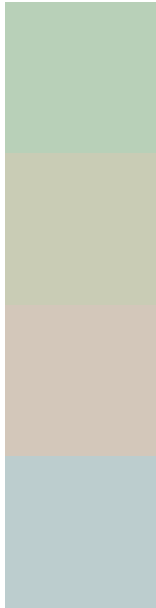
58.3402, 0.3445, 0.3370



Tritanopia

58.7735, 0.2921, 0.3100

Trichromacy



Original Color

58.7628, 0.3113, 0.3589

Protanomaly

58.9394, 0.3270, 0.3568

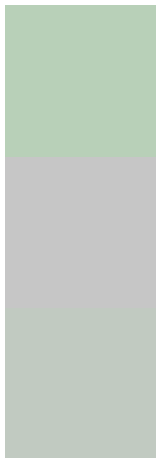
Deuteranomaly

58.2409, 0.3320, 0.3444

Tritanomaly

58.8102, 0.2993, 0.3278

Monochromacy



Original Color

58.7628, 0.3113, 0.3589

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.4288, 0.3122, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7628, 0.3113, 0.3589 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(184, 208, 184)` looks like.

```
.text, #text, p{  
    color:rgb(184, 208, 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(184, 208, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 208, 184) }
```

Border

The CSS property to change the border of an element to Yxy 58.7628, 0.3113, 0.3589 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(184, 208, 184) }
```

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

```
.border{ border-color:rgb(184, 208, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 208, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 208, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 208, 184);  
box-shadow:4px 4px 4px 4px rgb(184, 208,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7628, 0.3113, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 208, 184) }
```

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

```
.background{ background-color: rgb(184,  
208, 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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