

Converting Colors

Yxy(61.5686, 0.3059, 0.3664)

Have a look what the booklet for
Yxy(61.5686, 0.3059, 0.3664)
contains.

Yxy(61.5686, 0.3059, 0.3664)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.5686, 0.3059, 0.3664)

Conversions

Conversions Part 1

Format	Color
Hex	B2D7B9
RGB	178, 215, 185
RGB Percent	70%, 84%, 73%
CMY	0.3023, 0.1568, 0.2746
CMYK	0.17, 0.00, 0.14, 0.16
HSL	131°, 32%, 77%
HSV	131°, 17%, 84%
XYZ	51.4024, 61.5686, 55.0656
YIQ	200.5170, -12.4220, -17.1740

Conversions

Conversions Part 2

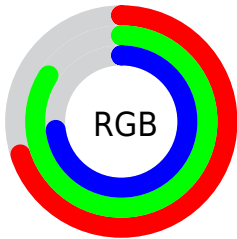
Format	Color
RYB	178, 209, 215
Decimal	11720633
CIELab	82.68, -17.99, 10.80
CIELCh	83, 20.986, 149.028
Yxy	61.5686, 0.3059, 0.3664
Android (android.graphics.Color)	4289910713 (0xFFB2D7B9)
YUV	200.5170, -7.6499, -19.7474
Hunter-Lab	78.4657, -20.3806, 13.3175

Details

The Yxy color **61.5686, 0.3059, 0.3664** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.8118, 0.3204, 0.2943**, and the grayscale version is **58.1404, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3633, 0.3077, 0.3430**, and **31.1675, 0.3040, 0.3761** is the 20% darker color. If you saturate the color by 10%, you get **58.5346, 0.3020, 0.3917**, and if you desaturate by 10%, it is **65.0964, 0.3099, 0.3438**.

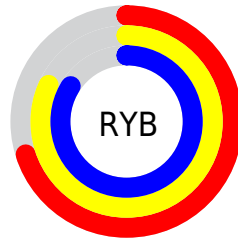
Distribution



Red (70%)

Green (84%)

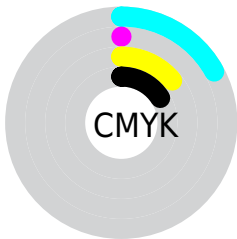
Blue (73%)



Red (70%)

Yellow (82%)

Blue (84%)

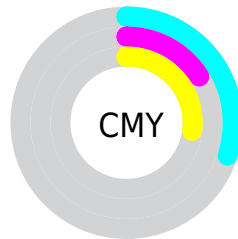


Cyan (17%)

Magenta (0%)

Yellow (14%)

Black (16%)



Cyan (30%)


Magenta (16%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5686, 0.3059, 0.3664 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 61.5686, 0.3059, 0.3664 by changing the saturation by 10% instead.

 61.5686, 0.3059,
0.3664

 61.5686, 0.3059,
0.3664


430.3557, 0.3094,
0.3481

 44.6842, 0.3050,
0.3709


 107.1018, 0.3072,
0.3598

 31.2088, 0.3039,
0.3765


136.5194, 0.3077,
0.3573

 20.7579, 0.3023,
0.3839


170.8835, 0.3081,
0.3552

 12.9471, 0.3002,
0.3940

210.5785, 0.3084,
0.3534

 7.3921, 0.2969,
0.4087

255.9889, 0.3087,
0.3518

 3.7085, 0.2914,
0.4318

307.4989, 0.3090,

 1.5119, 0.2817,

0.3504

0.4751

365.4931, 0.3092,
0.3492

0.2971, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.5686, 0.3059,
0.3664

61.5686, 0.3059,
0.3664

58.5346, 0.3020,
0.3917

65.0964, 0.3099,
0.3438

55.9649, 0.2984,
0.4195

69.1306, 0.3138,
0.3238

53.8386, 0.2952,
0.4492

73.6930, 0.3175,
0.3063

52.1302, 0.2929,
0.4797

77.0687, 0.3148,
0.2904

■ 50.8117, 0.2915,
0.5097

■ 77.0935, 0.3145,
0.2901

■ 49.8513, 0.2914,
0.5373

■ 49.2124, 0.2925,
0.5608

■ 48.8467, 0.2947,
0.5788

■ 48.7732, 0.2952,
0.5828

Harmonies

Analogous

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



61.5686, 0.3326, 0.3764



61.5686, 0.3059, 0.3664



61.5686, 0.2817, 0.3450

Triad

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



61.5686, 0.3059, 0.3664



61.5686, 0.2715, 0.2864



61.5686, 0.3616, 0.3352

Complementary

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



61.5686, 0.3059, 0.3664



50.8118, 0.3204, 0.2943

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.



61.5686, 0.3438, 0.3131



61.5686, 0.3059, 0.3664



61.5686, 0.2915, 0.2856

Square

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



61.5686, 0.3059, 0.3664



61.5686, 0.2625, 0.2983



61.5686, 0.3179, 0.2953



61.5686, 0.3655, 0.3567

Rectangle

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



61.5686, 0.3059, 0.3664



61.5686, 0.2701, 0.3280



61.5686, 0.3179, 0.2953



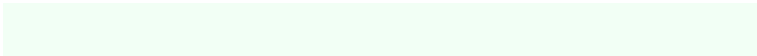
61.5686, 0.3570, 0.3276

Sweetspot

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



61.5712, 0.3059, 0.3664



97.0145, 0.3107, 0.3391



65.2667, 0.3332, 0.3724



20.6786, 0.3105, 0.3406



0.0000, 0.0000, 0.0000



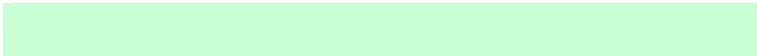
21.4041, 0.3127, 0.3290

Same Dimension

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



61.5712, 0.3059, 0.3664



88.7358, 0.3043, 0.3761



62.3939, 0.2941, 0.3433



13.9342, 0.3090, 0.3484



29.1764, 0.2947, 0.5808



1.7714, 0.2860, 0.5495

Inverse Universe

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



50.8118, 0.3204, 0.2943



69.8238, 0.3224, 0.2861



49.9631, 0.3356, 0.3152



12.5902, 0.3167, 0.3103



10.4850, 0.3755, 0.1842



0.6431, 0.3644, 0.1781

Previews

White Background



This preview shows how the Yxy color 61.5686, 0.3059, 0.3664 looks on a white background.

Color Contrast Check

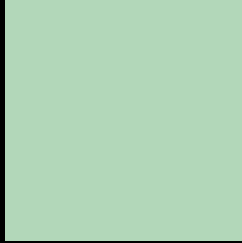
Large Text (above 18pt) WCAG AA × Fail

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 61.5686, 0.3059, 0.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

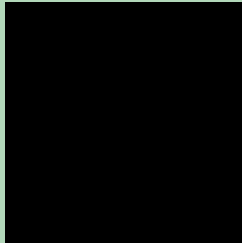
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

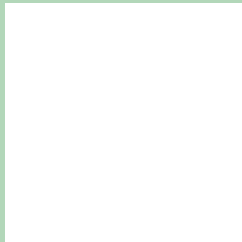
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5686, 0.3059, 0.3664

Background



This preview shows how black text looks on a background with the Yxy color 61.5686, 0.3059, 0.3664.



This preview shows how white text looks on a background with the Yxy color 61.5686, 0.3059, 0.3664.

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

61.5686, 0.3059, 0.3664

Protanopia

61.4050, 0.3388, 0.3581

Deuteranopia

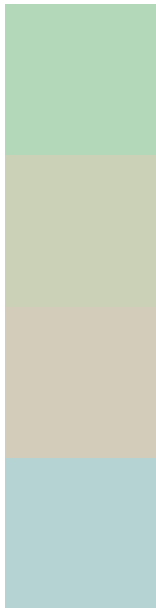
61.0079, 0.3470, 0.3402



Tritanopia

61.4062, 0.2844, 0.3089

Trichromacy



Original Color

61.5686, 0.3059, 0.3664

Protanomaly

61.5349, 0.3264, 0.3612

Deuteranomaly

60.7706, 0.3313, 0.3489

Tritanomaly

61.2368, 0.2919, 0.3289

Monochromacy



Original Color

61.5686, 0.3059, 0.3664

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.4202, 0.3106, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5686, 0.3059, 0.3664 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, 215, 185)` looks like.

```
.text, #text, p{  
    color:rgb(178, 215, 185)  
}
```

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, 215, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 215, 185) }
```

Border

The CSS property to change the border of an element to Yxy 61.5686, 0.3059, 0.3664 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, 215, 185) }
```

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

```
.border{ border-color:rgb(178, 215, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 215, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 215, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 215, 185);  
box-shadow:4px 4px 4px 4px rgb(178, 215,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5686, 0.3059, 0.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 215, 185) }
```

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

```
.background{ background-color: rgb(178,  
215, 185) }
```

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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