

Converting Colors

$Yxy(59.6354, 0.2975, 0.3438)$

Have a look what the booklet for
Yxy(59.6354, 0.2975, 0.3438)
contains.

Yxy(59.6354, 0.2975, 0.3438)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.6354, 0.2975, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	B2D2C6
RGB	178, 210, 198
RGB Percent	70%, 82%, 78%
CMY	0.3019, 0.1765, 0.2235
CMYK	0.15, 0.00, 0.06, 0.18
HSL	157°, 26%, 76%
HSV	157°, 15%, 82%
XYZ	51.6042, 59.6354, 62.2199
YIQ	199.0640, -15.2200, -10.5160

Conversions

Conversions Part 2

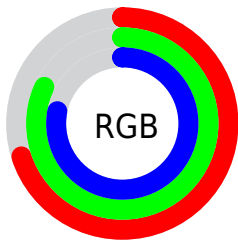
Format	Color
RYB	178, 198, 210
Decimal	11719366
CIELab	81.64, -12.96, 2.38
CIELCh	82, 13.178, 169.604
Yxy	59.6354, 0.2975, 0.3438
Android (android.graphics.Color)	4289909446 (0xFFB2D2C6)
YUV	199.0640, -0.5246, -18.4731
Hunter-Lab	77.2240, -15.8609, 6.2864

Details

The Yxy color **59.6354, 0.2975, 0.3438** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.2708, 0.3308, 0.3147**, and the grayscale version is **57.1687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **29.8163, 0.2937, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **56.9865, 0.2881, 0.3548**, and if you desaturate by 10%, it is **62.6885, 0.3074, 0.3338**.

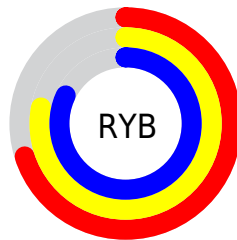
Distribution



Red (70%)

Green (82%)

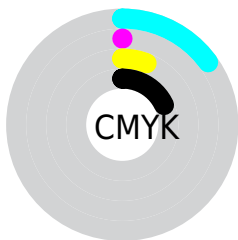
Blue (78%)



Red (70%)

Yellow (78%)

Blue (82%)

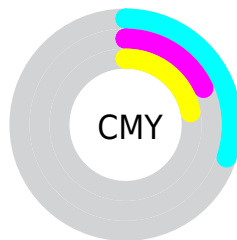


Cyan (15%)

Magenta (0%)

Yellow (6%)

Black (18%)



Cyan (30%)


Magenta (18%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6354, 0.2975, 0.3438 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 59.6354, 0.2975, 0.3438 by changing the saturation by 10% instead.


 59.6354, 0.2975,
0.3438

 59.6354, 0.2975,
0.3438

423.2526, 0.3048,
0.3366

 43.1248, 0.2957,
0.3455


 104.3006, 0.3001,
0.3412

 29.9831, 0.2935,
0.3477


133.2240, 0.3011,
0.3403

 19.8257, 0.2907,
0.3505


167.0538, 0.3019,
0.3394

 12.2684, 0.2868,
0.3544

206.1744, 0.3027,
0.3387

 6.9268, 0.2813,
0.3599

250.9702, 0.3033,
0.3381

 3.4163, 0.2728,
0.3685

301.8255, 0.3039,

 1.3528, 0.2581,

0.3376

359.1249, 0.3044,
0.3371

0.3836

0.1815, 0.0000,
0.8525

0.0000, 0.0000,
0.0000

59.6354, 0.2975,
0.3438

59.6354, 0.2975,
0.3438

56.9865, 0.2881,
0.3548

62.6885, 0.3074,
0.3338

54.7167, 0.2794,
0.3669

66.1547, 0.3176,
0.3248

52.8097, 0.2718,
0.3798

70.0520, 0.3278,
0.3169

51.2451, 0.2656,
0.3935

73.0382, 0.3326,
0.3095

■ 50.0001, 0.2612,
0.4078

■ 73.4896, 0.3270,
0.3018

■ 49.0494, 0.2586,
0.4224

■ 73.9612, 0.3215,
0.2942

■ 48.3634, 0.2580,
0.4369

■ 74.4532, 0.3160,
0.2868

■ 47.9063, 0.2594,
0.4512

■ 74.5724, 0.3148,
0.2851

■ 47.7375, 0.2606,
0.4580

Harmonies

Analogous

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



59.6354, 0.3140, 0.3552



59.6354, 0.2975, 0.3438



59.6354, 0.2853, 0.3283

Triad

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



59.6354, 0.2975, 0.3438



59.6354, 0.2946, 0.3004



59.6354, 0.3463, 0.3431

Complementary

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



59.6354, 0.2975, 0.3438



49.2708, 0.3308, 0.3147

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.



59.6354, 0.3409, 0.3287



59.6354, 0.2975, 0.3438



59.6354, 0.3107, 0.3046

Square

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



59.6354, 0.2975, 0.3438



59.6354, 0.2836, 0.3035



59.6354, 0.3277, 0.3148



59.6354, 0.3424, 0.3543

Rectangle

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



59.6354, 0.2975, 0.3438



59.6354, 0.2810, 0.3181



59.6354, 0.3277, 0.3148



59.6354, 0.3455, 0.3384

Sweetspot

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



59.6379, 0.2975, 0.3438



97.3573, 0.3076, 0.3337



60.2912, 0.3201, 0.3683



20.7618, 0.3069, 0.3343



0.0000, 0.0000, 0.0000



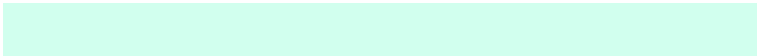
21.4041, 0.3127, 0.3290

Same Dimension

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



59.6379, 0.2975, 0.3438



91.2503, 0.2946, 0.3470



58.3929, 0.2896, 0.3244



13.3288, 0.3032, 0.3379



29.1397, 0.2600, 0.4559



1.6444, 0.2527, 0.4298

Inverse Universe

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



49.2708, 0.3308, 0.3147



72.4183, 0.3351, 0.3117



50.2726, 0.3404, 0.3336



11.8805, 0.3232, 0.3203



8.7181, 0.5462, 0.2782



0.5027, 0.4961, 0.2506

Previews

White Background



This preview shows how the Yxy color 59.6354, 0.2975, 0.3438 looks on a white background.

Color Contrast Check

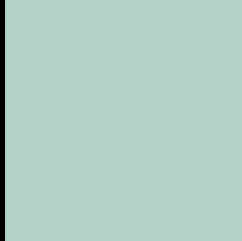
Large Text (above 18pt) WCAG AA × Fail

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 59.6354, 0.2975, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

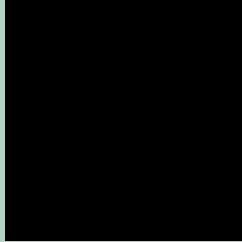
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

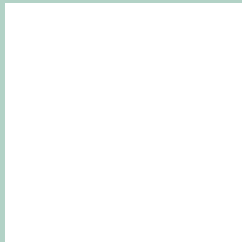
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6354, 0.2975, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 59.6354, 0.2975, 0.3438.

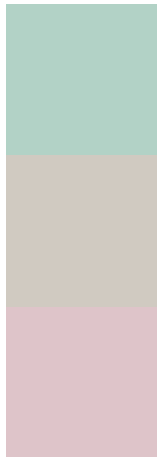


This preview shows how white text looks on a background with the Yxy color 59.6354, 0.2975, 0.3438.

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

59.6354, 0.2975, 0.3438

Protanopia

59.5012, 0.3240, 0.3396

Deuteranopia

59.2265, 0.3298, 0.3234



Tritanopia

59.4154, 0.2841, 0.3087

Trichromacy



Original Color

59.6354, 0.2975, 0.3438

Protanomaly

59.4731, 0.3137, 0.3410

Deuteranomaly

59.0652, 0.3173, 0.3302

Tritanomaly

59.3044, 0.2891, 0.3205

Monochromacy



Original Color

59.6354, 0.2975, 0.3438

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.9118, 0.3064, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6354, 0.2975, 0.3438 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, 210, 198)` looks like.

```
.text, #text, p{  
    color:rgb(178, 210, 198)  
}
```

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, 210, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 210, 198) }
```

Border

The CSS property to change the border of an element to Yxy 59.6354, 0.2975, 0.3438 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, 210, 198) }
```

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

```
.border{ border-color:rgb(178, 210, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 210, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 210, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 210, 198);  
box-shadow:4px 4px 4px 4px rgb(178, 210,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6354, 0.2975, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 210, 198) }
```

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

```
.background{ background-color: rgb(178,  
210, 198) }
```

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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