

Converting Colors

$Yxy(58.3958, 0.2940, 0.3389)$

Have a look what the booklet for
Yxy(58.3958, 0.2940, 0.3389)
contains.

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Color

Yxy(58.3958, 0.2940, 0.3389)

Conversions

Conversions Part 1

Format	Color
Hex	AFD0C8
RGB	175, 208, 200
RGB Percent	69%, 82%, 78%
CMY	0.3138, 0.1843, 0.2156
CMYK	0.16, 0.00, 0.04, 0.18
HSL	165°, 26%, 75%
HSV	165°, 16%, 82%
XYZ	50.6591, 58.3958, 63.2549
YIQ	197.2210, -17.1000, -9.4840

Conversions

Conversions Part 2

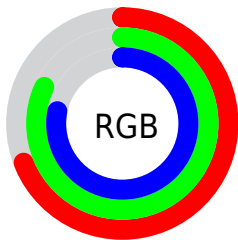
Format	Color
RYB	175, 194, 208
Decimal	11522248
CIELab	80.96, -12.53, 0.29
CIELCh	81, 12.534, 178.683
Yxy	58.3958, 0.2940, 0.3389
Android (android.graphics.Color)	4289712328 (0xFFAFD0C8)
YUV	197.2210, 1.3700, -19.4878
Hunter-Lab	76.4171, -15.3973, 4.4142

Details

The Yxy color **58.3958, 0.2940, 0.3389** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.4828, 0.3355, 0.3193**, and the grayscale version is **55.9748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **29.3241, 0.2892, 0.3424** is the 20% darker color. If you saturate the color by 10%, you get **55.9426, 0.2830, 0.3459**, and if you desaturate by 10%, it is **61.2323, 0.3057, 0.3325**.

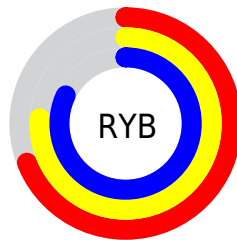
Distribution



Red (69%)

Green (82%)

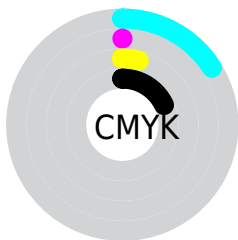
Blue (78%)



Red (69%)

Yellow (76%)

Blue (82%)

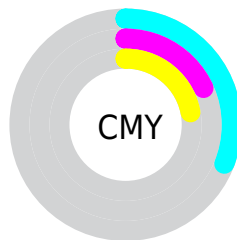


Cyan (16%)

Magenta (0%)

Yellow (4%)

Black (18%)



Cyan (31%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3958, 0.2940, 0.3389 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 58.3958, 0.2940, 0.3389 by changing the saturation by 10% instead.

 58.3958, 0.2940,
0.3389

 58.3958, 0.2940,
0.3389

418.6592, 0.3030,
0.3341

 42.1269, 0.2919,
0.3400


 102.4990, 0.2972,
0.3372

 29.2007, 0.2891,
0.3415


131.1021, 0.2984,
0.3366

 19.2327, 0.2856,
0.3433

164.5855, 0.2995,
0.3360

 11.8385, 0.2809,
0.3458

203.3334, 0.3004,
0.3355

 6.6338, 0.2742,
0.3494

247.7304, 0.3012,
0.3351

 3.2342, 0.2638,
0.3549

298.1607, 0.3018,

 1.2552, 0.2460,

0.3348

0.3645

355.0088, 0.3025,
0.3344

0.1061, 0.0000,
0.5266

0.0000, 0.0000,
0.0000

58.3958, 0.2940,
0.3389

58.3958, 0.2940,
0.3389

55.9426, 0.2830,
0.3459

61.2323, 0.3057,
0.3325

53.8485, 0.2730,
0.3535

64.4607, 0.3177,
0.3267

52.0976, 0.2642,
0.3616

68.0985, 0.3300,
0.3215

50.6699, 0.2570,
0.3701

71.5502, 0.3397,
0.3168

■ 49.5434, 0.2515,
0.3790

■ 71.8211, 0.3360,
0.3118

■ 48.6934, 0.2479,
0.3879

■ 72.1002, 0.3323,
0.3068

■ 48.0908, 0.2464,
0.3970

■ 72.3874, 0.3287,
0.3018

■ 47.7000, 0.2467,
0.4059

■ 72.6828, 0.3251,
0.2970

■ 47.5727, 0.2471,
0.4096

■ 72.9866, 0.3216,
0.2922

Harmonies

Analogous

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



58.3958, 0.3090, 0.3514



58.3958, 0.2940, 0.3389



58.3958, 0.2841, 0.3238

Triad

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



58.3958, 0.2940, 0.3389



58.3958, 0.2997, 0.3021



58.3958, 0.3447, 0.3462

Complementary

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



58.3958, 0.2940, 0.3389



47.4828, 0.3355, 0.3193

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.



58.3958, 0.3422, 0.3330



58.3958, 0.2940, 0.3389



58.3958, 0.3158, 0.3080

Square

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



58.3958, 0.2940, 0.3389



58.3958, 0.2873, 0.3029



58.3958, 0.3315, 0.3192



58.3958, 0.3384, 0.3553

Rectangle

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



58.3958, 0.2940, 0.3389



58.3958, 0.2816, 0.3146



58.3958, 0.3315, 0.3192



58.3958, 0.3449, 0.3421

Sweetspot

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



58.3982, 0.2940, 0.3389



97.4644, 0.3066, 0.3320



58.3064, 0.3170, 0.3705



20.7879, 0.3058, 0.3324



0.0000, 0.0000, 0.0000



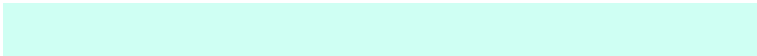
21.4041, 0.3127, 0.3290

Same Dimension

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



58.3982, 0.2940, 0.3389



91.2086, 0.2902, 0.3412



54.8601, 0.2884, 0.3186



13.3561, 0.3015, 0.3347



29.6637, 0.2468, 0.4083



1.6706, 0.2422, 0.3919

Inverse Universe

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



47.4828, 0.3355, 0.3193



70.7441, 0.3414, 0.3172



50.4717, 0.3409, 0.3391



11.8545, 0.3253, 0.3234



8.5159, 0.5939, 0.3045



0.4889, 0.5406, 0.2752

Previews

White Background



This preview shows how the Yxy color 58.3958, 0.2940, 0.3389 looks on a white background.

Color Contrast Check

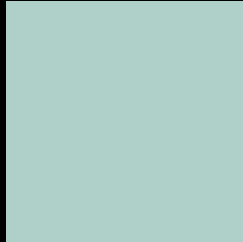
Large Text (above 18pt) WCAG AA × Fail

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 58.3958, 0.2940, 0.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

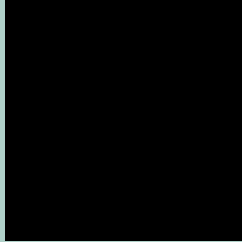
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

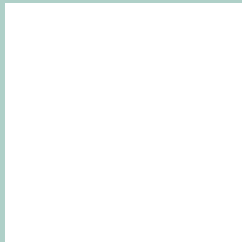
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.3958, 0.2940, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 58.3958, 0.2940, 0.3389.

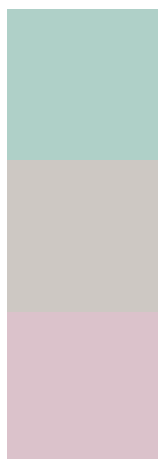


This preview shows how white text looks on a background with the Yxy color 58.3958, 0.2940, 0.3389.

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

58.3958, 0.2940, 0.3389

Protanopia

58.2278, 0.3203, 0.3349

Deuteranopia

57.9554, 0.3261, 0.3188



Tritanopia

58.4668, 0.2832, 0.3097

Trichromacy



Original Color

58.3958, 0.2940, 0.3389

Protanomaly

58.2124, 0.3101, 0.3362

Deuteranomaly

57.8076, 0.3137, 0.3255

Tritanomaly

58.4117, 0.2876, 0.3204

Monochromacy



Original Color

58.3958, 0.2940, 0.3389

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.6693, 0.3056, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3958, 0.2940, 0.3389 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(175, 208, 200)` looks like.

```
.text, #text, p{  
    color:rgb(175, 208, 200)  
}
```

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(175, 208, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 208, 200) }
```

Border

The CSS property to change the border of an element to Yxy 58.3958, 0.2940, 0.3389 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(175, 208, 200) }
```

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

```
.border{ border-color:rgb(175, 208, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 208, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 208, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 208, 200);  
box-shadow:4px 4px 4px 4px rgb(175, 208,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3958, 0.2940, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 208, 200) }
```

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

```
.background{ background-color: rgb(175,  
208, 200) }
```

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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