

Converting Colors

Yxy(58.4083, 0.2901, 0.3351)

Have a look what the booklet for
Yxy(58.4083, 0.2901, 0.3351)
contains.

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Color

Yxy(58.1942, 0.2900, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	ACD0CB
RGB	172, 208, 203
RGB Percent	67%, 82%, 80%
CMY	0.3255, 0.1843, 0.2040
CMYK	0.17, 0.00, 0.02, 0.18
HSL	172°, 28%, 75%
HSV	172°, 17%, 82%
XYZ	50.3470, 58.1942, 65.0692
YIQ	196.6660, -19.8510, -9.1870

Conversions

Conversions Part 2

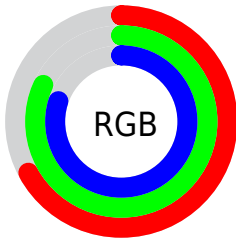
Format	Color
RYB	172, 191, 208
Decimal	11325643
CIELab	80.85, -12.88, -1.48
CIElCh	81, 12.969, 186.575
Yxy	58.1942, 0.2900, 0.3352
Android (android.graphics.Color)	4289515723 (0xFFACD0CB)
YUV	196.6660, 3.1227, -21.6321
Hunter-Lab	76.2851, -15.6917, 2.8268

Details

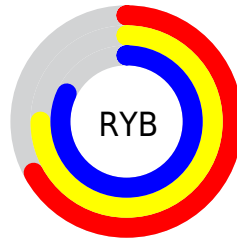
The Yxy color **58.1942, 0.2900, 0.3352** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.0915, 0.3412, 0.3229**, and the grayscale version is **55.6135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **29.2031, 0.2840, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **55.8874, 0.2780, 0.3392**, and if you desaturate by 10%, it is **60.8768, 0.3029, 0.3315**.

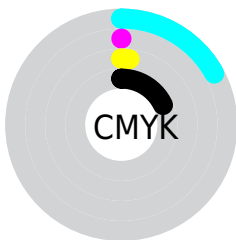
Distribution



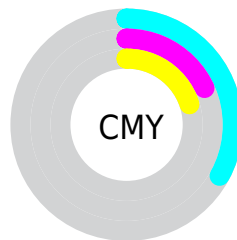
- Red (67%)
- Green (82%)
- Blue (80%)



- Red (67%)
- Yellow (75%)
- Blue (82%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)





- Cyan (33%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1942, 0.2900, 0.3352 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 58.1942, 0.2900, 0.3352 by changing the saturation by 10% instead.


 58.1942, 0.2900,
0.3352

 58.1942, 0.2900,
0.3352


417.9092, 0.3009,
0.3323

 41.9648, 0.2874,
0.3359


 102.2056, 0.2939,
0.3342

 29.0737, 0.2841,
0.3367

130.7564, 0.2953,
0.3338

 19.1366, 0.2799,
0.3378


164.1831, 0.2966,
0.3334

 11.7690, 0.2742,
0.3393

202.8701, 0.2977,
0.3331

 6.5866, 0.2662,
0.3413

247.2018, 0.2987,
0.3329

 3.2049, 0.2539,
0.3443

297.5627, 0.2995,

 1.2396, 0.2329,

0.3327

0.3492

354.3370, 0.3002,
0.3325

0.0937, 0.0000,
0.3128

0.0000, 0.0000,
0.0000

58.1942, 0.2900,
0.3352

58.1942, 0.2900,
0.3352

55.8874, 0.2780,
0.3392

60.8768, 0.3029,
0.3315

53.9319, 0.2670,
0.3435


63.9440, 0.3164,
0.3281


52.3119, 0.2576,
0.3481


67.4131, 0.3302,
0.3251

51.0072, 0.2497,
0.3528

71.2598, 0.3439,
0.3224


 49.9954, 0.2438,
0.3577

 71.4098, 0.3417,
0.3195


 49.2513, 0.2397,
0.3626


 71.5626, 0.3396,
0.3165


 48.7453, 0.2376,
0.3675

 71.7179, 0.3374,
0.3136

 48.4373, 0.2371,
0.3724

 71.8760, 0.3353,
0.3107

 48.3695, 0.2371,
0.3737

 72.0368, 0.3332,
0.3079

Harmonies

Analogous

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



58.1942, 0.3044, 0.3493



58.1942, 0.2900, 0.3352



58.1942, 0.2817, 0.3197

Triad

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



58.1942, 0.2900, 0.3352



58.1942, 0.3034, 0.3021



58.1942, 0.3450, 0.3499

Complementary

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



58.1942, 0.2900, 0.3352



46.0915, 0.3412, 0.3229

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.



58.1942, 0.3448, 0.3369



58.1942, 0.2900, 0.3352



58.1942, 0.3205, 0.3099

Square

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



58.1942, 0.2900, 0.3352



58.1942, 0.2892, 0.3011



58.1942, 0.3357, 0.3225



58.1942, 0.3363, 0.3576

Rectangle

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



58.1942, 0.2900, 0.3352



58.1942, 0.2805, 0.3108



58.1942, 0.3357, 0.3225



58.1942, 0.3460, 0.3459

Sweetspot

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



58.1966, 0.2900, 0.3352



97.5475, 0.3059, 0.3307



57.4877, 0.3146, 0.3750



20.8081, 0.3049, 0.3310



0.0000, 0.0000, 0.0000



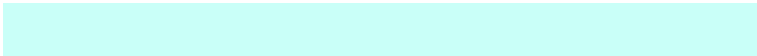
21.4041, 0.3127, 0.3290

Same Dimension

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



58.1966, 0.2900, 0.3352



90.7484, 0.2851, 0.3368



52.5368, 0.2860, 0.3130



13.3776, 0.3001, 0.3322



30.1554, 0.2370, 0.3730



1.6941, 0.2345, 0.3641

Inverse Universe

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



46.0915, 0.3412, 0.3229



67.8427, 0.3493, 0.3215



50.9214, 0.3431, 0.3445



11.8347, 0.3269, 0.3258



8.4215, 0.6203, 0.3191



0.4798, 0.5774, 0.2954

Previews

White Background



This preview shows how the Yxy color 58.1942, 0.2900, 0.3352 looks on a white background.

Color Contrast Check

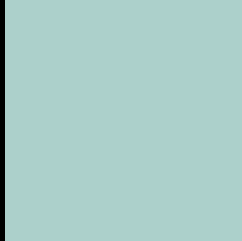
Large Text (above 18pt) WCAG AA × Fail

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 58.1942, 0.2900, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

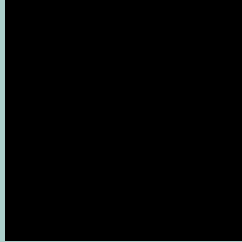
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

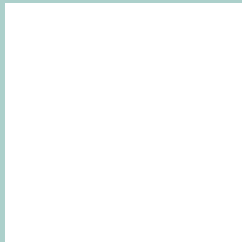
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1942, 0.2900, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 58.1942, 0.2900, 0.3352.

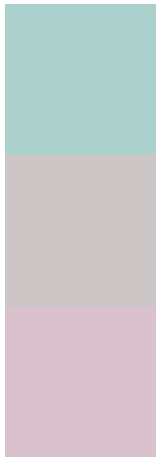


This preview shows how white text looks on a background with the Yxy color 58.1942, 0.2900, 0.3352.

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

58.1942, 0.2900, 0.3352

Protanopia

57.7614, 0.3174, 0.3302

Deuteranopia

57.7915, 0.3222, 0.3153



Tritanopia

58.1667, 0.2805, 0.3084

Trichromacy



Original Color

58.1942, 0.2900, 0.3352

Protanomaly

57.6177, 0.3065, 0.3314

Deuteranomaly

57.6721, 0.3099, 0.3219

Tritanomaly

58.1629, 0.2843, 0.3179

Monochromacy



Original Color

58.1942, 0.2900, 0.3352

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.5882, 0.3042, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1942, 0.2900, 0.3352 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(172, 208, 203)` looks like.

```
.text, #text, p{  
    color:rgb(172, 208, 203)  
}
```

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(172, 208, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 208, 203) }
```

Border

The CSS property to change the border of an element to Yxy 58.1942, 0.2900, 0.3352 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(172, 208, 203) }
```

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

```
.border{ border-color:rgb(172, 208, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 208, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 208, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 208, 203);  
box-shadow:4px 4px 4px 4px rgb(172, 208,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1942, 0.2900, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 208, 203) }
```

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

```
.background{ background-color: rgb(172,  
208, 203) }
```

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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