

Converting Colors

$Yxy(58.7385, 0.2966, 0.3454)$

Have a look what the booklet for
Yxy(58.7385, 0.2966, 0.3454)
contains.

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Color

Yxy(58.7004, 0.2967, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	AFD1C4
RGB	175, 209, 196
RGB Percent	69%, 82%, 77%
CMY	0.3135, 0.1804, 0.2314
CMYK	0.16, 0.00, 0.06, 0.18
HSL	157°, 27%, 75%
HSV	157°, 16%, 82%
XYZ	50.4531, 58.7004, 60.8940
YIQ	197.3520, -16.0910, -11.2510

Conversions

Conversions Part 2

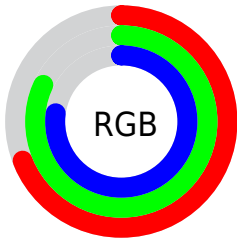
Format	Color
RYB	175, 196, 209
Decimal	11522500
CIELab	81.13, -13.81, 2.68
CIElCh	81, 14.064, 169.011
Yxy	58.7004, 0.2967, 0.3452
Android (android.graphics.Color)	4289712580 (0xFFAFD1C4)
YUV	197.3520, -0.6665, -19.6027
Hunter-Lab	76.6162, -16.5330, 6.5081

Details

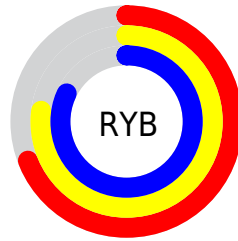
The Yxy color **58.7004, 0.2967, 0.3452** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.8708, 0.3320, 0.3134**, and the grayscale version is **56.0774, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6008, 0.2993, 0.3309**, and **29.5333, 0.2927, 0.3509** is the 20% darker color. If you saturate the color by 10%, you get **56.1130, 0.2874, 0.3566**, and if you desaturate by 10%, it is **61.6865, 0.3065, 0.3349**.

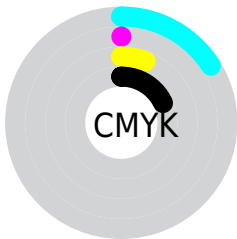
Distribution



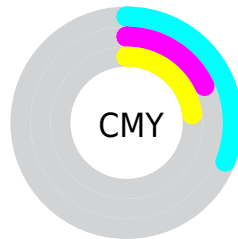
- Red (69%)
- Green (82%)
- Blue (77%)



- Red (69%)
- Yellow (77%)
- Blue (82%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)




- Cyan (31%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7004, 0.2967, 0.3452 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 58.7004, 0.2967, 0.3452 by changing the saturation by 10% instead.

 58.7004, 0.2967,
0.3452

 58.7004, 0.2967,
0.3452


419.7907, 0.3044,
0.3373

 42.3720, 0.2948,
0.3471


 102.9421, 0.2995,
0.3424

 29.3927, 0.2925,
0.3495


131.6242, 0.3005,
0.3413

 19.3781, 0.2895,
0.3526


165.1929, 0.3014,
0.3404

 11.9438, 0.2853,
0.3569

204.0328, 0.3022,
0.3396

 6.7054, 0.2794,
0.3631

248.5281, 0.3029,
0.3389

 3.2786, 0.2703,
0.3728

299.0632, 0.3034,

 1.2788, 0.2543,

0.3383

0.3900

356.0227, 0.3040,
0.3378

■ 0.1247, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7004, 0.2967,
0.3452

■ 58.7004, 0.2967,
0.3452

■ 56.1130, 0.2874,
0.3566

■ 61.6865, 0.3065,
0.3349

■ 53.8994, 0.2790,
0.3690


■ 65.0802, 0.3165,
0.3256


■ 52.0433, 0.2716,
0.3823


■ 68.8993, 0.3266,
0.3174


■ 50.5241, 0.2656,
0.3964

■ 72.4583, 0.3338,
0.3099

 49.3194, 0.2614,
0.4110


 72.9131, 0.3281,
0.3021

 48.4036, 0.2591,
0.4259


 73.3888, 0.3224,
0.2944

 47.7471, 0.2588,
0.4408

 73.8856, 0.3169,
0.2869

 47.3125, 0.2604,
0.4554

 74.0764, 0.3148,
0.2841

 47.1804, 0.2613,
0.4608

Harmonies

Analogous

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



58.7004, 0.3144, 0.3573



58.7004, 0.2967, 0.3452



58.7004, 0.2835, 0.3286

Triad

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



58.7004, 0.2967, 0.3452



58.7004, 0.2930, 0.2984



58.7004, 0.3488, 0.3437

Complementary

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



58.7004, 0.2967, 0.3452



47.8708, 0.3320, 0.3134

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.



58.7004, 0.3427, 0.3283



58.7004, 0.2967, 0.3452



58.7004, 0.3102, 0.3027

Square

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



58.7004, 0.2967, 0.3452



58.7004, 0.2814, 0.3018



58.7004, 0.3285, 0.3135



58.7004, 0.3448, 0.3559

Rectangle

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



58.7004, 0.2967, 0.3452



58.7004, 0.2788, 0.3176



58.7004, 0.3285, 0.3135



58.7004, 0.3479, 0.3388

Sweetspot

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



58.7029, 0.2967, 0.3452



97.3510, 0.3076, 0.3337



59.3938, 0.3205, 0.3711



20.7603, 0.3069, 0.3344



0.0000, 0.0000, 0.0000



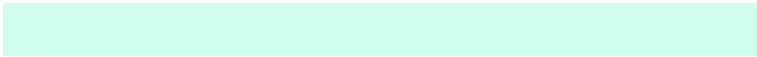
21.4041, 0.3127, 0.3290

Same Dimension

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



58.7029, 0.2967, 0.3452



90.8029, 0.2939, 0.3485



57.4021, 0.2881, 0.3240



13.3272, 0.3033, 0.3381



29.1127, 0.2608, 0.4587



1.6430, 0.2534, 0.4321

Inverse Universe

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



47.8708, 0.3320, 0.3134



71.1097, 0.3363, 0.3103



48.8995, 0.3425, 0.3339



11.8821, 0.3231, 0.3201



8.7330, 0.5430, 0.2765



0.5036, 0.4934, 0.2492

Previews

White Background



This preview shows how the Yxy color 58.7004, 0.2967, 0.3452 looks on a white background.

Color Contrast Check

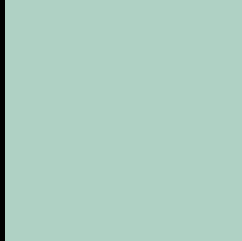
Large Text (above 18pt) WCAG AA × Fail

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 58.7004, 0.2967, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

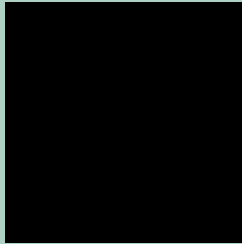
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

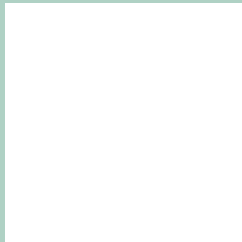
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7004, 0.2967, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 58.7004, 0.2967, 0.3452.



This preview shows how white text looks on a background with the Yxy color 58.7004, 0.2967, 0.3452.

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

58.7004, 0.2967, 0.3452

Protanopia

58.3355, 0.3249, 0.3397

Deuteranopia

58.5259, 0.3307, 0.3245



Tritanopia

58.6399, 0.2833, 0.3085

Trichromacy



Original Color

58.7004, 0.2967, 0.3452

Protanomaly

58.1642, 0.3137, 0.3411

Deuteranomaly

58.2231, 0.3173, 0.3314

Tritanomaly

58.4117, 0.2876, 0.3204

Monochromacy



Original Color

58.7004, 0.2967, 0.3452

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.6233, 0.3063, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7004, 0.2967, 0.3452 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, 209, 196)` looks like.

```
.text, #text, p{  
    color:rgb(175, 209, 196)  
}
```

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, 209, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 209, 196) }
```

Border

The CSS property to change the border of an element to Yxy 58.7004, 0.2967, 0.3452 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, 209, 196) }
```

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

```
.border{ border-color:rgb(175, 209, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 209, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 209, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 209, 196);  
box-shadow:4px 4px 4px 4px rgb(175, 209,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7004, 0.2967, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 209, 196) }
```

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

```
.background{ background-color: rgb(175,  
209, 196) }
```

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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