

Converting Colors

$Yxy(58.2771, 0.3040, 0.3415)$

Have a look what the booklet for
Yxy(58.2771, 0.3040, 0.3415)
contains.

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Color

Yxy(58.4424, 0.3039, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	B9CEC4
RGB	185, 206, 196
RGB Percent	73%, 81%, 77%
CMY	0.2746, 0.1921, 0.2314
CMYK	0.10, 0.00, 0.05, 0.19
HSL	151°, 18%, 77%
HSV	151°, 10%, 81%
XYZ	52.0382, 58.4424, 60.7541
YIQ	198.5810, -9.3060, -7.5620

Conversions

Conversions Part 2

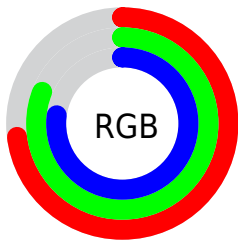
Format	Color
R _Y B	185, 199, 206
Decimal	12177092
CIE Lab	80.98, -9.00, 2.56
CIE LCh	81, 9.354, 164.107
Yxy	58.4424, 0.3039, 0.3413
Android (android.graphics.Color)	4290367172 (0xFFB9CEC4)
YUV	198.5810, -1.2724, -11.9105
Hunter-Lab	76.4476, -12.2777, 6.3947

Details

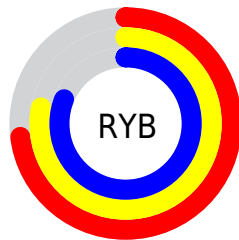
The Yxy color **58.4424, 0.3039, 0.3413** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7548, 0.3225, 0.3170**, and the grayscale version is **56.8554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3126, 0.3053, 0.3309**, and **29.3150, 0.3021, 0.3455** is the 20% darker color. If you saturate the color by 10%, you get **55.6333, 0.2955, 0.3548**, and if you desaturate by 10%, it is **61.6570, 0.3125, 0.3292**.

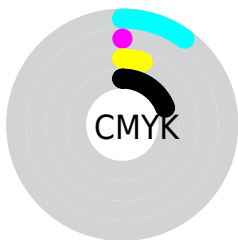
Distribution



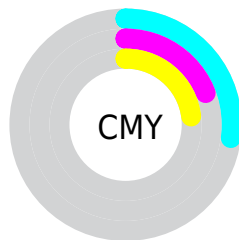
- Red (73%)
- Green (81%)
- Blue (77%)



- Red (73%)
- Yellow (78%)
- Blue (81%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)





- Cyan (27%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4424, 0.3039, 0.3413 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 58.4424, 0.3039, 0.3413 by changing the saturation by 10% instead.


 58.4424, 0.3039,
0.3413

 58.4424, 0.3039,
0.3413


418.8324, 0.3082,
0.3353

 42.1644, 0.3029,
0.3427


 102.5668, 0.3054,
0.3392

 29.2301, 0.3016,
0.3446


131.1820, 0.3060,
0.3384

 19.2549, 0.2999,
0.3469


164.6785, 0.3065,
0.3377

 11.8546, 0.2976,
0.3502

203.4405, 0.3069,
0.3371

 6.6448, 0.2943,
0.3548

247.8525, 0.3073,
0.3366

 3.2409, 0.2892,
0.3622

298.2989, 0.3076,

 1.2588, 0.2801,

0.3361

0.3752

355.1641, 0.3079,
0.3357

0.1089, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.4424, 0.3039,
0.3413

58.4424, 0.3039,
0.3413

55.6333, 0.2955,
0.3548

61.6570, 0.3125,
0.3292

53.2057, 0.2876,
0.3696

65.2851, 0.3212,
0.3185

51.1445, 0.2806,
0.3857

69.3438, 0.3298,
0.3090

49.4308, 0.2746,
0.4030

71.4213, 0.3289,
0.2998

■ 48.0436, 0.2701,
0.4212

■ 72.0056, 0.3219,
0.2904

■ 46.9599, 0.2674,
0.4399

■ 72.6217, 0.3150,
0.2812

■ 46.1533, 0.2666,
0.4586

■ 72.6277, 0.3150,
0.2811

■ 45.5927, 0.2678,
0.4769

■ 45.2264, 0.2706,
0.4940

Harmonies

Analogous

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



58.4424, 0.3160, 0.3485



58.4424, 0.3039, 0.3413



58.4424, 0.2943, 0.3307

Triad

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



58.4424, 0.3039, 0.3413



58.4424, 0.2980, 0.3085



58.4424, 0.3364, 0.3374

Complementary

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



58.4424, 0.3039, 0.3413



51.7548, 0.3225, 0.3170

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.



58.4424, 0.3314, 0.3269



58.4424, 0.3039, 0.3413



58.4424, 0.3091, 0.3105

Square

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



58.4424, 0.3039, 0.3413



58.4424, 0.2909, 0.3118



58.4424, 0.3214, 0.3172



58.4424, 0.3349, 0.3460

Rectangle

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



58.4424, 0.3039, 0.3413



58.4424, 0.2905, 0.3233



58.4424, 0.3214, 0.3172



58.4424, 0.3355, 0.3340

Sweetspot

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



58.4449, 0.3039, 0.3413



98.3452, 0.3101, 0.3325



59.2714, 0.3193, 0.3546



20.9575, 0.3094, 0.3335



0.0000, 0.0000, 0.0000



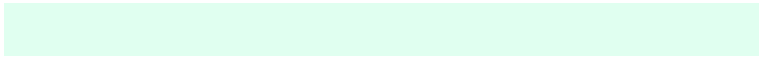
21.4041, 0.3127, 0.3290

Same Dimension

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



58.4449, 0.3039, 0.3413



93.7472, 0.3022, 0.3438



58.7481, 0.2971, 0.3285



12.6334, 0.3046, 0.3403



27.8655, 0.2699, 0.4915



1.4528, 0.2603, 0.4569

Inverse Universe

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



51.7548, 0.3225, 0.3170



81.0178, 0.3246, 0.3147



51.4633, 0.3306, 0.3295



11.3012, 0.3217, 0.3180



8.6446, 0.5040, 0.2550



0.4613, 0.4590, 0.2302

Previews

White Background



This preview shows how the Yxy color 58.4424, 0.3039, 0.3413 looks on a white background.

Color Contrast Check

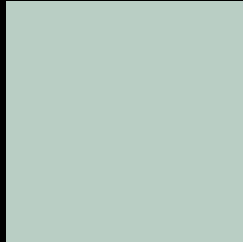
Large Text (above 18pt) WCAG AA × Fail

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 58.4424, 0.3039, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

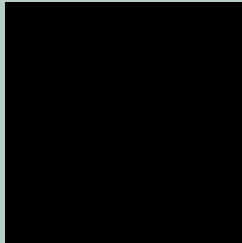
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

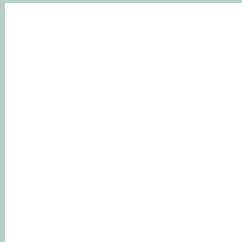
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4424, 0.3039, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 58.4424, 0.3039, 0.3413.



This preview shows how white text looks on a background with the Yxy color 58.4424, 0.3039, 0.3413.

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

58.4424, 0.3039, 0.3413

Protanopia

58.2806, 0.3226, 0.3373

Deuteranopia

58.0329, 0.3316, 0.3245



Tritanopia

58.6452, 0.2914, 0.3100

Trichromacy



Original Color

58.4424, 0.3039, 0.3413

Protanomaly

58.1419, 0.3154, 0.3386

Deuteranomaly

57.8293, 0.3214, 0.3302

Tritanomaly

58.5802, 0.2960, 0.3205

Monochromacy



Original Color

58.4424, 0.3039, 0.3413

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.7876, 0.3094, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4424, 0.3039, 0.3413 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(185, 206, 196)` looks like.

```
.text, #text, p{  
    color:rgb(185, 206, 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(185, 206, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 206, 196) }
```

Border

The CSS property to change the border of an element to Yxy 58.4424, 0.3039, 0.3413 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(185, 206, 196) }
```

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

```
.border{ border-color:rgb(185, 206, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 206, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 206, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 206, 196);  
box-shadow:4px 4px 4px 4px rgb(185, 206,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4424, 0.3039, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 206, 196) }
```

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

```
.background{ background-color: rgb(185,  
206, 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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