

Converting Colors

$Y_{xy}(59.2339, 0.2988, 0.3314)$

Have a look what the booklet for
Yxy(59.2339, 0.2988, 0.3314)
contains.

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Color

Yxy(59.4725, 0.2986, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	BACFCD
RGB	186, 207, 205
RGB Percent	73%, 81%, 80%
CMY	0.2704, 0.1882, 0.1962
CMYK	0.10, 0.00, 0.01, 0.19
HSL	174°, 18%, 77%
HSV	174°, 10%, 81%
XYZ	53.5863, 59.4725, 66.3996
YIQ	200.4930, -11.8740, -5.0740

Conversions

Conversions Part 2

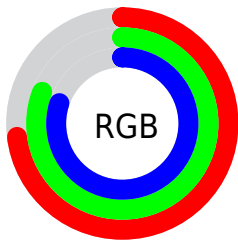
Format	Color
R _{YB}	186, 197, 207
Decimal	12242893
CIE _{Lab}	81.55, -7.42, -1.41
CIE _{LCh}	82, 7.554, 190.769
Y _{xy}	59.4725, 0.2986, 0.3314
Android (android.graphics.Color)	4290432973 (0xFFBACFCD)
YUV	200.4930, 2.2220, -12.7104
Hunter-Lab	77.1184, -10.9253, 2.9337

Details

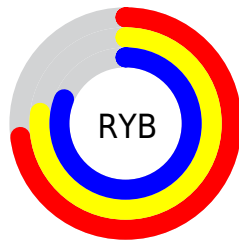
The Yxy color **59.4725, 0.2986, 0.3314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0314, 0.3288, 0.3266**, and the grayscale version is **58.0742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **30.0034, 0.2951, 0.3322** is the 20% darker color. If you saturate the color by 10%, you get **56.9712, 0.2854, 0.3340**, and if you desaturate by 10%, it is **62.3556, 0.3125, 0.3290**.

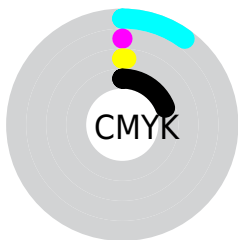
Distribution



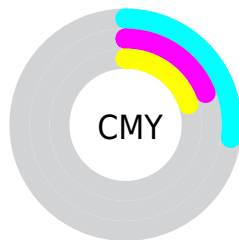
- Red (73%)
- Green (81%)
- Blue (80%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (27%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4725, 0.2986, 0.3314 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 59.4725, 0.2986, 0.3314 by changing the saturation by 10% instead.

■ 59.4725, 0.2986,
0.3314

■ 59.4725, 0.2986,
0.3314

422.6507, 0.3054,
0.3303

■ 42.9936, 0.2970,
0.3317

■ 104.0641, 0.3010,
0.3310

■ 29.8801, 0.2950,
0.3320

132.9455, 0.3019,
0.3309

■ 19.7476, 0.2924,
0.3324

166.7300, 0.3027,
0.3307

■ 12.2117, 0.2889,
0.3329

205.8018, 0.3034,
0.3306

■ 6.8880, 0.2839,
0.3337

250.5454, 0.3040,
0.3305

■ 3.3922, 0.2764,
0.3348

301.3451, 0.3045,

■ 1.3397, 0.2635,

0.3304

0.3365

358.5854, 0.3049,
0.3304

0.1717, 0.0000,
0.3754

0.0000, 0.0000,
0.0000

59.4725, 0.2986,
0.3314

59.4725, 0.2986,
0.3314

56.9712, 0.2854,
0.3340

62.3556, 0.3125,
0.3290

54.8282, 0.2732,
0.3368

65.6280, 0.3269,
0.3269

53.0287, 0.2622,
0.3398

69.3067, 0.3415,
0.3250

51.5540, 0.2528,
0.3429

70.6859, 0.3453,
0.3230

■ 50.3837, 0.2452,
0.3461

■ 70.7876, 0.3438,
0.3210

■ 49.4950, 0.2394,
0.3494

■ 70.8906, 0.3423,
0.3190

■ 48.8621, 0.2356,
0.3527

■ 70.9948, 0.3408,
0.3170

■ 48.4540, 0.2336,
0.3560

■ 71.1003, 0.3393,
0.3150

■ 48.2158, 0.2331,
0.3592

■ 71.2070, 0.3378,
0.3130

Harmonies

Analogous

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



59.4725, 0.3067, 0.3397



59.4725, 0.2986, 0.3314



59.4725, 0.2943, 0.3226

Triad

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



59.4725, 0.2986, 0.3314



59.4725, 0.3087, 0.3137



59.4725, 0.3309, 0.3421

Complementary

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



59.4725, 0.2986, 0.3314



52.0314, 0.3288, 0.3266

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.



59.4725, 0.3315, 0.3349



59.4725, 0.2986, 0.3314



59.4725, 0.3186, 0.3187

Square

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



59.4725, 0.2986, 0.3314



59.4725, 0.3001, 0.3125



59.4725, 0.3270, 0.3264



59.4725, 0.3254, 0.3458

Rectangle

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



59.4725, 0.2986, 0.3314



59.4725, 0.2941, 0.3177



59.4725, 0.3270, 0.3264



59.4725, 0.3317, 0.3400

Sweetspot

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



59.4750, 0.2986, 0.3314



98.5305, 0.3084, 0.3297



58.8794, 0.3131, 0.3548



21.0076, 0.3073, 0.3299



0.0000, 0.0000, 0.0000



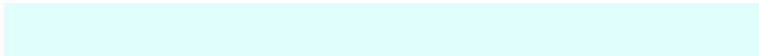
21.4041, 0.3127, 0.3290

Same Dimension

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



59.4750, 0.2986, 0.3314



94.4631, 0.2959, 0.3319



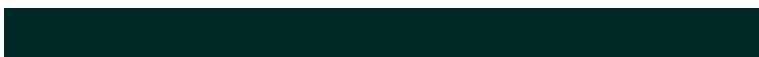
55.6176, 0.2972, 0.3187



13.3867, 0.2996, 0.3312



30.3867, 0.2330, 0.3588



1.7049, 0.2313, 0.3528

Inverse Universe

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



52.0314, 0.3288, 0.3266



80.3517, 0.3325, 0.3261



55.5830, 0.3293, 0.3391



11.8265, 0.3276, 0.3268



8.3958, 0.6281, 0.3234



0.4759, 0.5950, 0.3052

Previews

White Background



This preview shows how the Yxy color 59.4725, 0.2986, 0.3314 looks on a white background.

Color Contrast Check

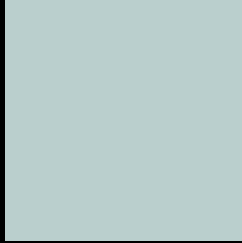
Large Text (above 18pt) WCAG AA × Fail

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 59.4725, 0.2986, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

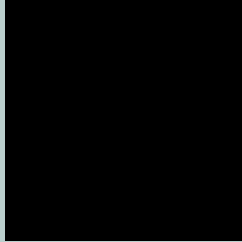
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

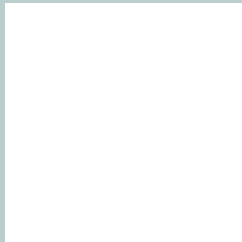
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.4725, 0.2986, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 59.4725, 0.2986, 0.3314.



This preview shows how white text looks on a background with the Yxy color 59.4725, 0.2986, 0.3314.

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

59.4725, 0.2986, 0.3314

Protanopia

59.1594, 0.3159, 0.3278

Deuteranopia

59.2005, 0.3236, 0.3166



Tritanopia

59.7019, 0.2901, 0.3100

Trichromacy



Original Color

59.4725, 0.2986, 0.3314

Protanomaly

59.1658, 0.3097, 0.3290

Deuteranomaly

59.1747, 0.3146, 0.3220

Tritanomaly

59.7403, 0.2934, 0.3182

Monochromacy



Original Color

59.4725, 0.2986, 0.3314

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.7119, 0.3081, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4725, 0.2986, 0.3314 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(186, 207, 205)` looks like.

```
.text, #text, p{  
    color:rgb(186, 207, 205)  
}
```

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(186, 207, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 207, 205) }
```

Border

The CSS property to change the border of an element to Yxy 59.4725, 0.2986, 0.3314 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(186, 207, 205) }
```

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

```
.border{ border-color:rgb(186, 207, 205) }
```

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

Here you see how a box with a 4 pixel rgb(186, 207, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 207, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 207, 205);  
box-shadow:4px 4px 4px 4px rgb(186, 207,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4725, 0.2986, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 207, 205) }
```

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

```
.background{ background-color: rgb(186,  
207, 205) }
```

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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