

Converting Colors

Yxy(59.6526, 0.2986, 0.3309)

Have a look what the booklet for
Yxy(59.6526, 0.2986, 0.3309)
contains.

Yxy(59.6467, 0.2986, 0.3302)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.6467, 0.2986, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	BBCFCE
RGB	187, 207, 206
RGB Percent	73%, 81%, 81%
CMY	0.2668, 0.1882, 0.1922
CMYK	0.10, 0.00, 0.00, 0.19
HSL	177°, 17%, 77%
HSV	177°, 10%, 81%
XYZ	53.9385, 59.6467, 67.0529
YIQ	200.9060, -11.5990, -4.5510

Conversions

Conversions Part 2

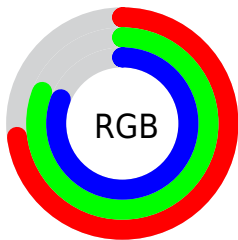
Format	Color
R_{YB}	187, 197, 207
Decimal	12308430
CIE Lab	81.65, -6.93, -1.80
CIE LCh	82, 7.159, 194.578
Yxy	59.6467, 0.2986, 0.3302
Android (android.graphics.Color)	4290498510 (0xFFBBCFCE)
YUV	200.9060, 2.5113, -12.1956
Hunter-Lab	77.2313, -10.4898, 2.5858

Details

The Yxy color $59.6467, 0.2986, 0.3302$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.4235, 0.3288, 0.3278$, and the grayscale version is $58.3342, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.7947, 0.3054, 0.3290$, and $30.1178, 0.2951, 0.3306$ is the 20% darker color. If you saturate the color by 10%, you get $57.1728, 0.2848, 0.3316$, and if you desaturate by 10%, it is $62.5023, 0.3132, 0.3290$.

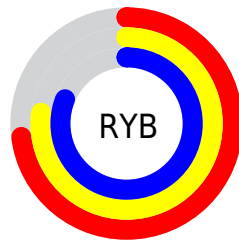
Distribution



Red (73%)

Green (81%)

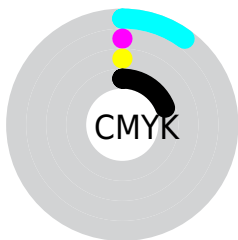
Blue (81%)



Red (73%)

Yellow (77%)

Blue (81%)

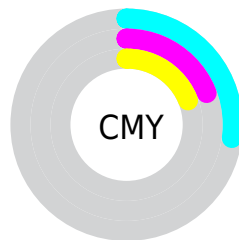


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (19%)



Cyan (27%)

Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6467, 0.2986, 0.3302 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 59.6467, 0.2986, 0.3302 by changing the saturation by 10% instead.

■ 59.6467, 0.2986,
0.3302

■ 59.6467, 0.2986,
0.3302

423.2943, 0.3054,
0.3297

■ 43.1339, 0.2970,
0.3303

■ 104.3170, 0.3010,
0.3300

■ 29.9902, 0.2950,
0.3305

133.2433, 0.3019,
0.3299

■ 19.8312, 0.2924,
0.3306

167.0762, 0.3027,
0.3299

■ 12.2724, 0.2889,
0.3309

206.2002, 0.3034,
0.3298

■ 6.9295, 0.2840,
0.3312

250.9996, 0.3040,
0.3298

■ 3.4180, 0.2765,
0.3316

301.8588, 0.3045,

■ 1.3537, 0.2637,

0.3297

0.3321

359.1623, 0.3049,
0.3297

0.1822, 0.0079,
0.3568

0.0000, 0.0000,
0.0000

59.6467, 0.2986,
0.3302

59.6467, 0.2986,
0.3302

57.1728, 0.2848,
0.3316

62.5023, 0.3132,
0.3290

55.0571, 0.2720,
0.3330

65.7471, 0.3282,
0.3278

53.2849, 0.2606,
0.3346

69.3979, 0.3435,
0.3269

51.8375, 0.2508,
0.3362


70.5585, 0.3473,
0.3258


 50.6947, 0.2428,
0.3379

 70.6118, 0.3465,
0.3247

 49.8339, 0.2367,
0.3396

 70.6654, 0.3457,
0.3236


 49.2291, 0.2324,
0.3413

 70.7193, 0.3449,
0.3226

 48.8500, 0.2301,
0.3430

 70.7737, 0.3441,
0.3215

 48.6421, 0.2291,
0.3446

 70.8283, 0.3433,
0.3204

Harmonies

Analogous

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



59.6467, 0.3059, 0.3382



59.6467, 0.2986, 0.3302



59.6467, 0.2951, 0.3220

Triad

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



59.6467, 0.2986, 0.3302



59.6467, 0.3101, 0.3149



59.6467, 0.3295, 0.3420

Complementary

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



59.6467, 0.2986, 0.3302



52.4235, 0.3288, 0.3278

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.



59.6467, 0.3307, 0.3356



59.6467, 0.2986, 0.3302



59.6467, 0.3194, 0.3201

Square

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



59.6467, 0.2986, 0.3302



59.6467, 0.3016, 0.3133



59.6467, 0.3270, 0.3276



59.6467, 0.3238, 0.3450

Rectangle

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



59.6467, 0.2986, 0.3302



59.6467, 0.2953, 0.3176



59.6467, 0.3270, 0.3276



59.6467, 0.3305, 0.3402

Sweetspot

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



59.6492, 0.2986, 0.3302



98.5526, 0.3082, 0.3294



58.9493, 0.3126, 0.3537



21.0136, 0.3070, 0.3295



0.0000, 0.0000, 0.0000



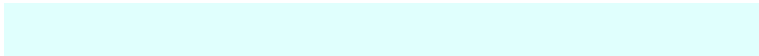
21.4041, 0.3127, 0.3290

Same Dimension

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



59.6492, 0.2986, 0.3302



94.5505, 0.2951, 0.3305



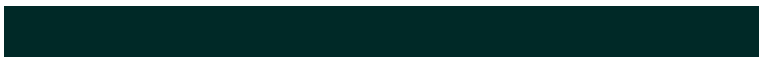
55.6037, 0.2978, 0.3184



13.3962, 0.2990, 0.3302



30.6422, 0.2290, 0.3445



1.7166, 0.2282, 0.3414

Inverse Universe

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



52.4235, 0.3288, 0.3278



80.2760, 0.3334, 0.3275



56.1775, 0.3285, 0.3394



11.8179, 0.3283, 0.3278



8.3767, 0.6340, 0.3266



0.4719, 0.6150, 0.3161

Previews

White Background



This preview shows how the Yxy color 59.6467, 0.2986, 0.3302 looks on a white background.

Color Contrast Check

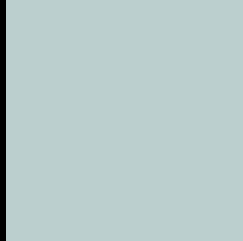
Large Text (above 18pt) WCAG AA × Fail

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 59.6467, 0.2986, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

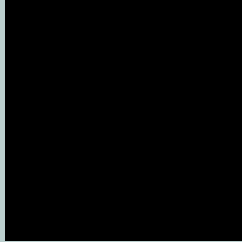
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

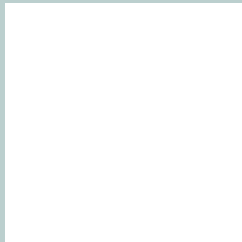
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6467, 0.2986, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 59.6467, 0.2986, 0.3302.

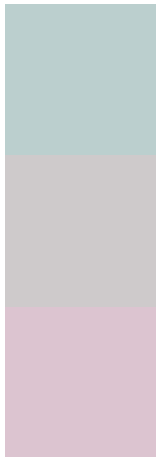


This preview shows how white text looks on a background with the Yxy color 59.6467, 0.2986, 0.3302.

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

59.6467, 0.2986, 0.3302

Protanopia

59.6747, 0.3151, 0.3278

Deuteranopia

59.2496, 0.3229, 0.3155



Tritanopia

59.8303, 0.2908, 0.3101

Trichromacy



Original Color

59.6467, 0.2986, 0.3302

Protanomaly

59.6875, 0.3089, 0.3290

Deuteranomaly

59.2234, 0.3139, 0.3209

Tritanomaly

59.9193, 0.2934, 0.3171

Monochromacy



Original Color

59.6467, 0.2986, 0.3302

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.7594, 0.3074, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6467, 0.2986, 0.3302 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(187, 207, 206)` looks like.

```
.text, #text, p{  
    color:rgb(187, 207, 206)  
}
```

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(187, 207, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 207, 206) }
```

Border

The CSS property to change the border of an element to Yxy 59.6467, 0.2986, 0.3302 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(187, 207, 206) }
```

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

```
.border{ border-color:rgb(187, 207, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 207, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 207, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 207, 206);  
box-shadow:4px 4px 4px 4px rgb(187, 207,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6467, 0.2986, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 207, 206) }
```

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

```
.background{ background-color: rgb(187,  
207, 206) }
```

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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