

Converting Colors

$Y_{xy}(57.0775, 0.3059, 0.3481)$

Have a look what the booklet for
Yxy(57.0775, 0.3059, 0.3481)
contains.

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Color

Yxy(57.2818, 0.3065, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	B6CDBD
RGB	182, 205, 189
RGB Percent	71%, 80%, 74%
CMY	0.2863, 0.1961, 0.2589
CMYK	0.11, 0.00, 0.08, 0.20
HSL	138°, 19%, 76%
HSV	138°, 11%, 80%
XYZ	50.3062, 57.2818, 56.5432
YIQ	196.2990, -8.5720, -9.8520

Conversions

Conversions Part 2

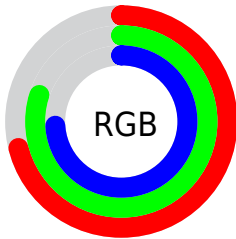
Format	Color
R_{YB}	182, 200, 205
Decimal	11980221
CIE Lab	80.34, -10.80, 5.34
CIE LCh	80, 12.049, 153.678
Yxy	57.2818, 0.3065, 0.3490
Android (android.graphics.Color)	4290170301 (0xFFB6CDBD)
YUV	196.2990, -3.5984, -12.5402
Hunter-Lab	75.6847, -13.8027, 8.6844

Details

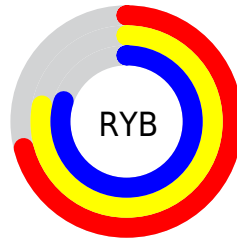
The Yxy color **57.2818, 0.3065, 0.3490** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5123, 0.3195, 0.3098**, and the grayscale version is **55.4170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2897, 0.3079, 0.3389**, and **28.5779, 0.3046, 0.3543** is the 20% darker color. If you saturate the color by 10%, you get **54.3788, 0.3010, 0.3692**, and if you desaturate by 10%, it is **60.6161, 0.3120, 0.3310**.

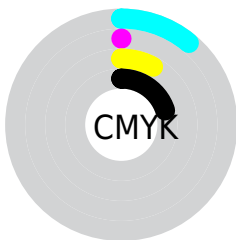
Distribution



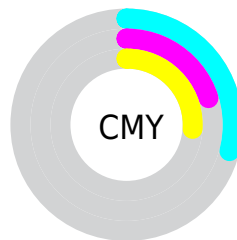
- Red (71%)
- Green (80%)
- Blue (74%)



- Red (71%)
- Yellow (78%)
- Blue (80%)



- Cyan (11%)
- Magenta (0%)
- Yellow (8%)
- Black (20%)





- Cyan (29%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2818, 0.3065, 0.3490 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 57.2818, 0.3065, 0.3490 by changing the saturation by 10% instead.


 57.2818, 0.3065,
0.3490

 57.2818, 0.3065,
0.3490


414.5044, 0.3096,
0.3392

 41.2315, 0.3057,
0.3514


 100.8763, 0.3076,
0.3455

 28.5000, 0.3048,
0.3544


129.1892, 0.3080,
0.3442

 18.7029, 0.3035,
0.3584


162.3586, 0.3084,
0.3430

 11.4558, 0.3017,
0.3639

200.7686, 0.3087,
0.3420

 6.3743, 0.2992,
0.3719

244.8039, 0.3090,
0.3412

 3.0740, 0.2950,
0.3845

294.8487, 0.3092,

 1.1705, 0.2874,

0.3405

0.4082

351.2874, 0.3094,
0.3398

0.0374, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.2818, 0.3065,
0.3490

57.2818, 0.3065,
0.3490

54.3788, 0.3010,
0.3692

60.6161, 0.3120,
0.3310

51.8821, 0.2959,
0.3916

64.3908, 0.3175,
0.3152

49.7754, 0.2912,
0.4160

68.6240, 0.3228,
0.3014

48.0384, 0.2874,
0.4419

71.5838, 0.3212,
0.2885

■ 46.6490, 0.2848,
0.4687

■ 72.1459, 0.3150,
0.2801

■ 45.5823, 0.2836,
0.4952

■ 44.8104, 0.2841,
0.5204

■ 44.3002, 0.2861,
0.5429

■ 44.0172, 0.2888,
0.5598

Harmonies

Analogous

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



57.2818, 0.3223, 0.3560



57.2818, 0.3065, 0.3490



57.2818, 0.2926, 0.3362

Triad

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



57.2818, 0.3065, 0.3490



57.2818, 0.2898, 0.3032



57.2818, 0.3422, 0.3352

Complementary

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



57.2818, 0.3065, 0.3490



50.5123, 0.3195, 0.3098

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.



57.2818, 0.3330, 0.3216



57.2818, 0.3065, 0.3490



57.2818, 0.3026, 0.3035

Square

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



57.2818, 0.3065, 0.3490



57.2818, 0.2831, 0.3096



57.2818, 0.3184, 0.3102



57.2818, 0.3432, 0.3475

Rectangle

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



57.2818, 0.3065, 0.3490



57.2818, 0.2862, 0.3264



57.2818, 0.3184, 0.3102



57.2818, 0.3400, 0.3306

Sweetspot

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



57.2842, 0.3065, 0.3490



98.2396, 0.3110, 0.3341



59.0630, 0.3238, 0.3569



20.9290, 0.3106, 0.3356



0.0000, 0.0000, 0.0000



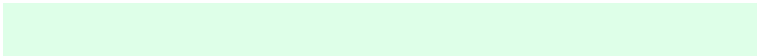
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2842, 0.3065, 0.3490



92.8480, 0.3054, 0.3527



57.7996, 0.2987, 0.3346



12.5922, 0.3075, 0.3456



27.4153, 0.2881, 0.5573



1.4279, 0.2768, 0.5165

Inverse Universe

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



50.5123, 0.3195, 0.3098



80.0108, 0.3208, 0.3064



50.0052, 0.3288, 0.3235



11.3434, 0.3183, 0.3130



9.3262, 0.4152, 0.2061



0.4942, 0.3925, 0.1936

Previews

White Background



This preview shows how the Yxy color 57.2818, 0.3065, 0.3490 looks on a white background.

Color Contrast Check

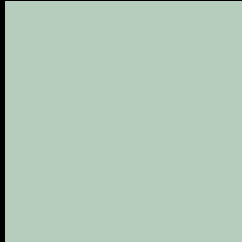
Large Text (above 18pt) WCAG AA × Fail

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 57.2818, 0.3065, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

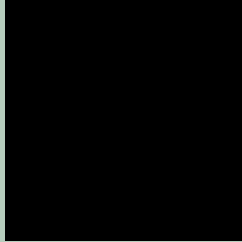
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

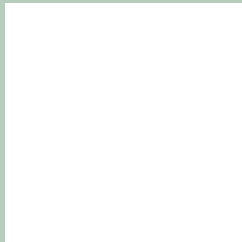
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2818, 0.3065, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 57.2818, 0.3065, 0.3490.



This preview shows how white text looks on a background with the Yxy color 57.2818, 0.3065, 0.3490.

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

57.2818, 0.3065, 0.3490

Protanopia

57.0128, 0.3288, 0.3446

Deuteranopia

56.8772, 0.3366, 0.3291



Tritanopia

57.3478, 0.2912, 0.3098

Trichromacy



Original Color

57.2818, 0.3065, 0.3490

Protanomaly

57.1888, 0.3205, 0.3473

Deuteranomaly

56.9595, 0.3252, 0.3362

Tritanomaly

57.0603, 0.2964, 0.3229

Monochromacy



Original Color

57.2818, 0.3065, 0.3490

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.7735, 0.3108, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2818, 0.3065, 0.3490 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(182, 205, 189)` looks like.

```
.text, #text, p{  
    color:rgb(182, 205, 189)  
}
```

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(182, 205, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 205, 189) }
```

Border

The CSS property to change the border of an element to Yxy 57.2818, 0.3065, 0.3490 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(182, 205, 189) }
```

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

```
.border{ border-color:rgb(182, 205, 189) }
```

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

Here you see how a box with a 4 pixel rgb(182, 205, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 205, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 205, 189);  
box-shadow:4px 4px 4px 4px rgb(182, 205,  
189) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 57.2818, 0.3065, 0.3490$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 205, 189) }
```

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

```
.background{ background-color: rgb(182,  
205, 189) }
```

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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