

Converting Colors

Yxy(57.1206, 0.3034, 0.3517)

Have a look what the booklet for
Yxy(57.1206, 0.3034, 0.3517)
contains.

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Color

Yxy(57.1206, 0.3034, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	B1CEBC
RGB	177, 206, 188
RGB Percent	69%, 81%, 74%
CMY	0.3060, 0.1921, 0.2627
CMYK	0.14, 0.00, 0.09, 0.19
HSL	143°, 23%, 75%
HSV	143°, 14%, 81%
XYZ	49.2761, 57.1206, 56.0162
YIQ	195.2770, -11.5060, -11.7460

Conversions

Conversions Part 2

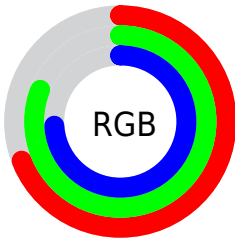
Format	Color
RYB	177, 198, 206
Decimal	11652796
CIELab	80.25, -13.19, 5.69
CIELCh	80, 14.364, 156.673
Yxy	57.1206, 0.3034, 0.3517
Android (android.graphics.Color)	4289842876 (0xFFB1CEBC)
YUV	195.2770, -3.5876, -16.0289
Hunter-Lab	75.5782, -15.8819, 8.9608

Details

The Yxy color **57.1206, 0.3034, 0.3517** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.4936, 0.3233, 0.3073**, and the grayscale version is **54.7728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3753, 0.3054, 0.3400**, and **28.4908, 0.3006, 0.3581** is the 20% darker color. If you saturate the color by 10%, you get **54.3578, 0.2970, 0.3701**, and if you desaturate by 10%, it is **60.3020, 0.3100, 0.3352**.

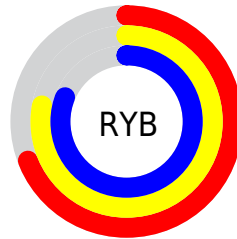
Distribution



Red (69%)

Green (81%)

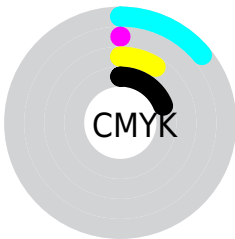
Blue (74%)



Red (69%)

Yellow (78%)

Blue (81%)

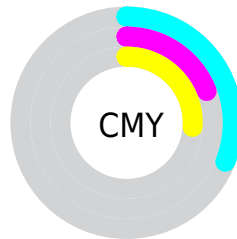


Cyan (14%)

Magenta (0%)

Yellow (9%)

Black (19%)



Cyan (31%)


Magenta (19%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1206, 0.3034, 0.3517 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 57.1206, 0.3034, 0.3517 by changing the saturation by 10% instead.

 57.1206, 0.3034,
0.3517

 57.1206, 0.3034,
0.3517

413.9011, 0.3080,
0.3406

 41.1021, 0.3023,
0.3544

 100.6411, 0.3051,
0.3477

 28.3989, 0.3008,
0.3579


128.9119, 0.3057,
0.3462

 18.6265, 0.2989,
0.3625


162.0356, 0.3062,
0.3449

 11.4007, 0.2963,
0.3687

200.3966, 0.3067,
0.3438

 6.3371, 0.2925,
0.3779

244.3792, 0.3071,
0.3428

 3.0511, 0.2864,
0.3926

294.3679, 0.3074,

 1.1585, 0.2748,

0.3420

0.4209

350.7471, 0.3077,
0.3412

0.0274, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.1206, 0.3034,
0.3517

57.1206, 0.3034,
0.3517

54.3578, 0.2970,
0.3701

60.3020, 0.3100,
0.3352

51.9889, 0.2911,
0.3904

63.9114, 0.3166,
0.3206

49.9974, 0.2859,
0.4125

67.9666, 0.3231,
0.3077

48.3629, 0.2817,
0.4358

71.6437, 0.3261,
0.2961

■ 47.0629, 0.2790,
0.4599

■ 72.4251, 0.3171,
0.2841

■ 46.0723, 0.2779,
0.4840

■ 72.6278, 0.3150,
0.2811

■ 45.3622, 0.2787,
0.5071

■ 44.8979, 0.2812,
0.5282

■ 44.7036, 0.2832,
0.5396

Harmonies

Analogous

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



57.1206, 0.3223, 0.3610



57.1206, 0.3034, 0.3517



57.1206, 0.2874, 0.3358

Triad

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



57.1206, 0.3034, 0.3517



57.1206, 0.2866, 0.2979



57.1206, 0.3486, 0.3378

Complementary

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



57.1206, 0.3034, 0.3517



48.4936, 0.3233, 0.3073

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.



57.1206, 0.3384, 0.3217



57.1206, 0.3034, 0.3517



57.1206, 0.3024, 0.2992

Square

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



57.1206, 0.3034, 0.3517



57.1206, 0.2779, 0.3047



57.1206, 0.3214, 0.3078



57.1206, 0.3487, 0.3522

Rectangle

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



57.1206, 0.3034, 0.3517



57.1206, 0.2803, 0.3241



57.1206, 0.3214, 0.3078



57.1206, 0.3462, 0.3324

Sweetspot

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



57.1230, 0.3034, 0.3517



97.7162, 0.3100, 0.3351



58.9713, 0.3252, 0.3645



20.8261, 0.3095, 0.3363



0.0000, 0.0000, 0.0000



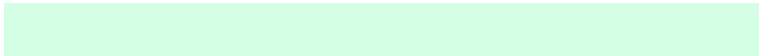
21.4041, 0.3127, 0.3290

Same Dimension

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



57.1230, 0.3034, 0.3517



91.0747, 0.3014, 0.3572



57.7621, 0.2940, 0.3338



12.6064, 0.3065, 0.3437



27.5414, 0.2825, 0.5369



1.4355, 0.2713, 0.4965

Inverse Universe

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



48.4936, 0.3233, 0.3073



74.3748, 0.3260, 0.3024



47.8850, 0.3352, 0.3243



11.3285, 0.3195, 0.3147



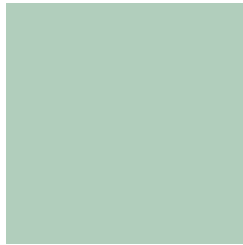
9.0527, 0.4449, 0.2224



0.4815, 0.4144, 0.2057

Previews

White Background



This preview shows how the Yxy color 57.1206, 0.3034, 0.3517 looks on a white background.

Color Contrast Check

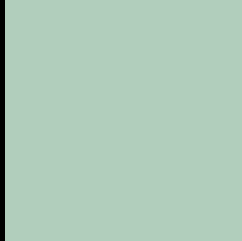
Large Text (above 18pt) WCAG AA × Fail

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 57.1206, 0.3034, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

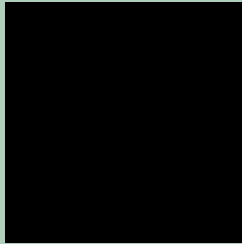
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

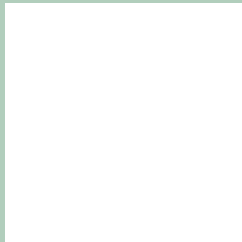
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1206, 0.3034, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 57.1206, 0.3034, 0.3517.



This preview shows how white text looks on a background with the Yxy color 57.1206, 0.3034, 0.3517.

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

57.1206, 0.3034, 0.3517

Protanopia

56.9707, 0.3296, 0.3458

Deuteranopia

56.8330, 0.3374, 0.3302



Tritanopia

57.2481, 0.2870, 0.3096

Trichromacy



Original Color

57.1206, 0.3034, 0.3517

Protanomaly

56.8782, 0.3196, 0.3486

Deuteranomaly

56.6293, 0.3243, 0.3374

Tritanomaly

56.9202, 0.2928, 0.3240

Monochromacy



Original Color

57.1206, 0.3034, 0.3517

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.3440, 0.3092, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1206, 0.3034, 0.3517 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(177, 206, 188)` looks like.

```
.text, #text, p{  
    color:rgb(177, 206, 188)  
}
```

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(177, 206, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 206, 188) }
```

Border

The CSS property to change the border of an element to Yxy 57.1206, 0.3034, 0.3517 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(177, 206, 188) }
```

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

```
.border{ border-color:rgb(177, 206, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 206, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 206, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 206, 188); box-shadow:4px 4px 4px 4px rgb(177, 206, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1206, 0.3034, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 206, 188) }
```

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

```
.background{ background-color: rgb(177,  
206, 188) }
```

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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