

Converting Colors

$Yxy(57.7149, 0.3123, 0.3697)$

Have a look what the booklet for
Yxy(57.7149, 0.3123, 0.3697)
contains.

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Color

Yxy(57.7113, 0.3123, 0.3697)

Conversions

Conversions Part 1

Format	Color
Hex	B2D0B0
RGB	178, 208, 176
RGB Percent	70%, 82%, 69%
CMY	0.3020, 0.1843, 0.3098
CMYK	0.14, 0.00, 0.15, 0.18
HSL	116°, 25%, 75%
HSV	116°, 15%, 82%
XYZ	48.7510, 57.7113, 49.6408
YIQ	195.3820, -7.6080, -16.3120

Conversions

Conversions Part 2

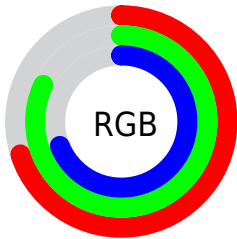
Format	Color
RYB	176, 208, 206
Decimal	11718832
CIELab	80.58, -16.05, 12.58
CIElCh	81, 20.392, 141.896
Yxy	57.7113, 0.3123, 0.3697
Android (android.graphics.Color)	4289908912 (0xFFB2D0B0)
YUV	195.3820, -9.5553, -15.2440
Hunter-Lab	75.9680, -18.3950, 14.4349

Details

The Yxy color **57.7113, 0.3123, 0.3697** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.7257, 0.3128, 0.2910**, and the grayscale version is **54.8749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8386, 0.3129, 0.3522**, and **28.9012, 0.3122, 0.3825** is the 20% darker color. If you saturate the color by 10%, you get **54.8074, 0.3118, 0.4003**, and if you desaturate by 10%, it is **61.0742, 0.3126, 0.3424**.

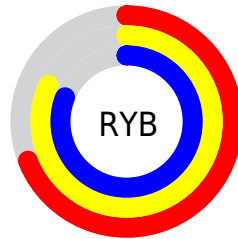
Distribution



Red (70%)

Green (82%)

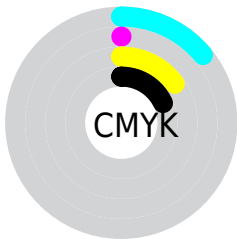
Blue (69%)



Red (69%)

Yellow (82%)

Blue (81%)

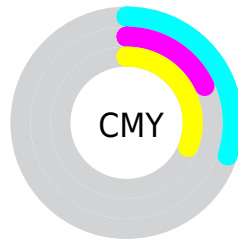


Cyan (14%)

Magenta (0%)

Yellow (15%)

Black (18%)



Cyan (30%)


Magenta (18%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7113, 0.3123, 0.3697 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 57.7113, 0.3123, 0.3697 by changing the saturation by 10% instead.

 57.7113, 0.3123,
0.3697

 57.7113, 0.3123,
0.3697


416.1093, 0.3128,
0.3496

 41.5766, 0.3121,
0.3747


 101.5023, 0.3125,
0.3624

 28.7699, 0.3118,
0.3810


129.9274, 0.3126,
0.3597

 18.9068, 0.3114,
0.3894


163.2181, 0.3126,
0.3574

 11.6030, 0.3107,
0.4009

201.7588, 0.3127,
0.3554

 6.4739, 0.3093,
0.4178

245.9339, 0.3127,
0.3536

 3.1354, 0.3065,
0.4450

296.1277, 0.3127,

 1.2028, 0.3110,

0.3521

352.7247, 0.3127,
0.3508

0.5186

0.0640, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.7113, 0.3123,
0.3697

57.7113, 0.3123,
0.3697

54.8074, 0.3118,
0.4003

61.0742, 0.3126,
0.3424

52.3356, 0.3110,
0.4336

64.9070, 0.3128,
0.3183

50.2775, 0.3099,
0.4687

69.2295, 0.3128,
0.2974

48.6105, 0.3086,
0.5037

73.5949, 0.3149,
0.2831

■ 47.3097, 0.3069,
0.5363

■ 46.3475, 0.3051,
0.5638

■ 45.6922, 0.3033,
0.5840

■ 45.3064, 0.3016,
0.5957

■ 45.2005, 0.3012,
0.5991

Harmonies

Analogous

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



57.7113, 0.3384, 0.3763



57.7113, 0.3123, 0.3697



57.7113, 0.2871, 0.3506

Triad

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



57.7113, 0.3123, 0.3697



57.7113, 0.2686, 0.2885



57.7113, 0.3581, 0.3298

Complementary

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



57.7113, 0.3123, 0.3697



48.7257, 0.3128, 0.2910

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.



57.7113, 0.3380, 0.3085



57.7113, 0.3123, 0.3697



57.7113, 0.2861, 0.2851

Square

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



57.7113, 0.3123, 0.3697



57.7113, 0.2625, 0.3029



57.7113, 0.3114, 0.2924



57.7113, 0.3656, 0.3518

Rectangle

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



57.7113, 0.3123, 0.3697



57.7113, 0.2740, 0.3340



57.7113, 0.3114, 0.2924



57.7113, 0.3526, 0.3223

Sweetspot

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



57.7138, 0.3123, 0.3697



97.0089, 0.3126, 0.3415



60.6264, 0.3360, 0.3645



20.6772, 0.3126, 0.3433



0.0000, 0.0000, 0.0000



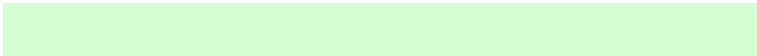
21.4041, 0.3127, 0.3290

Same Dimension

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



57.7138, 0.3123, 0.3697



90.1208, 0.3122, 0.3780



58.0563, 0.3014, 0.3518



13.2410, 0.3125, 0.3530



28.1841, 0.3015, 0.5988



1.5885, 0.3064, 0.5950

Inverse Universe

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



48.7257, 0.3128, 0.2910



73.5900, 0.3128, 0.2839



48.3606, 0.3259, 0.3072



11.9699, 0.3128, 0.3060



10.0853, 0.3054, 0.1456



0.5755, 0.3084, 0.1473

Previews

White Background



This preview shows how the Yxy color 57.7113, 0.3123, 0.3697 looks on a white background.

Color Contrast Check

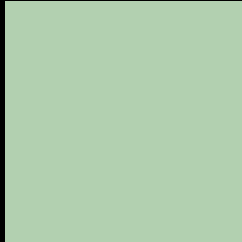
Large Text (above 18pt) WCAG AA × Fail

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 57.7113, 0.3123, 0.3697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

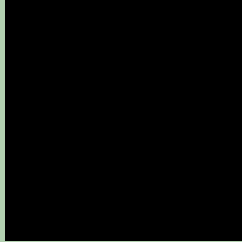
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

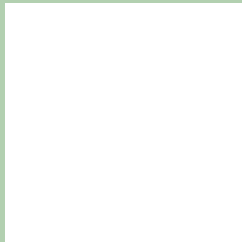
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7113, 0.3123, 0.3697

Background



This preview shows how black text looks on a background with the Yxy color 57.7113, 0.3123, 0.3697.



This preview shows how white text looks on a background with the Yxy color 57.7113, 0.3123, 0.3697.

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

57.7113, 0.3123, 0.3697

Protanopia

57.4888, 0.3427, 0.3625

Deuteranopia

57.1227, 0.3514, 0.3440



Tritanopia

57.6173, 0.2891, 0.3097

Trichromacy



Original Color

57.7113, 0.3123, 0.3697

Protanomaly

57.2640, 0.3308, 0.3646

Deuteranomaly

57.1578, 0.3367, 0.3529

Tritanomaly

57.4426, 0.2970, 0.3302

Monochromacy



Original Color

57.7113, 0.3123, 0.3697

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.7582, 0.3128, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7113, 0.3123, 0.3697 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(178, 208, 176)` looks like.

```
.text, #text, p{  
    color:rgb(178, 208, 176)  
}
```

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(178, 208, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 208, 176) }
```

Border

The CSS property to change the border of an element to Yxy 57.7113, 0.3123, 0.3697 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(178, 208, 176) }
```

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

```
.border{ border-color:rgb(178, 208, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 208, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 208, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 208, 176);  
box-shadow:4px 4px 4px 4px rgb(178, 208,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7113, 0.3123, 0.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 208, 176) }
```

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

```
.background{ background-color: rgb(178,  
208, 176) }
```

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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