

Converting Colors

$Yxy(57.3184, 0.3107, 0.3784)$

Have a look what the booklet for
Yxy(57.3184, 0.3107, 0.3784)
contains.

Yxy(57.1991, 0.3104, 0.3782)	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(57.1991, 0.3104, 0.3782)

Conversions

Conversions Part 1

Format	Color
Hex	ABD1AB
RGB	171, 209, 171
RGB Percent	67%, 82%, 67%
CMY	0.3294, 0.1804, 0.3294
CMYK	0.18, 0.00, 0.18, 0.18
HSL	120°, 29%, 75%
HSV	120°, 18%, 82%
XYZ	46.9450, 57.1991, 47.0962
YIQ	193.3060, -10.4500, -19.8740

Conversions

Conversions Part 2

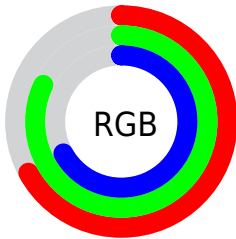
Format	Color
R _{YB}	171, 209, 209
Decimal	11260331
CIE _{Lab}	80.29, -19.82, 14.77
CIE _{LCh}	80, 24.713, 143.308
Yxy	57.1991, 0.3104, 0.3782
Android (android.graphics.Color)	4289450411 (0xFFABD1AB)
YUV	193.3060, -10.9969, -19.5624
Hunter-Lab	75.6301, -21.5544, 16.0201

Details

The Yxy color **57.1991, 0.3104, 0.3782** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.2832, 0.3148, 0.2843**, and the grayscale version is **53.5892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3419, 0.3119, 0.3587**, and **28.2947, 0.3088, 0.3909** is the 20% darker color. If you saturate the color by 10%, you get **54.3023, 0.3089, 0.4100**, and if you desaturate by 10%, it is **60.5979, 0.3117, 0.3497**.

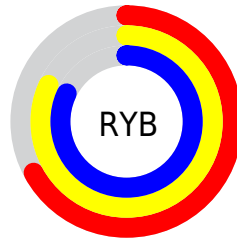
Distribution



Red (67%)

Green (82%)

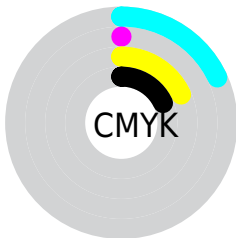
Blue (67%)



Red (67%)

Yellow (82%)

Blue (82%)

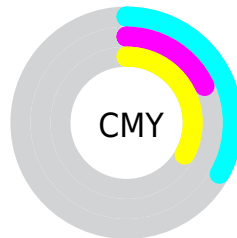


Cyan (18%)

Magenta (0%)

Yellow (18%)

Black (18%)



Cyan (33%)


Magenta (18%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1991, 0.3104, 0.3782 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 57.1991, 0.3104, 0.3782 by changing the saturation by 10% instead.

 57.1991, 0.3104,
0.3782

 57.1991, 0.3104,
0.3782

414.1949, 0.3119,
0.3537

 41.1651, 0.3099,
0.3843


 100.7556, 0.3110,
0.3693

 28.4481, 0.3093,
0.3921


129.0470, 0.3112,
0.3660

 18.6637, 0.3083,
0.4024


162.1929, 0.3114,
0.3631

 11.4276, 0.3067,
0.4167

200.5778, 0.3115,
0.3607

 6.3552, 0.3041,
0.4378

244.5860, 0.3117,
0.3586

 3.0622, 0.2988,
0.4720

294.6021, 0.3117,

 1.1643, 0.3039,

0.3568

0.5905

351.0102, 0.3118,
0.3551

0.0323, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.1991, 0.3104,
0.3782

57.1991, 0.3104,
0.3782

54.3023, 0.3089,
0.4100

60.5979, 0.3117,
0.3497

51.8767, 0.3073,
0.4445

64.5130, 0.3129,
0.3247

49.8998, 0.3056,
0.4804

68.9675, 0.3139,
0.3031

48.3440, 0.3039,
0.5155

73.9806, 0.3148,
0.2845

■ 47.1788, 0.3025,
0.5471

■ 74.0837, 0.3148,
0.2841

■ 46.3695, 0.3013,
0.5726

■ 45.8755, 0.3005,
0.5899

■ 45.6366, 0.3001,
0.5987

■ 45.6038, 0.3000,
0.6000

Harmonies

Analogous

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



57.1991, 0.3423, 0.3868



57.1991, 0.3104, 0.3782



57.1991, 0.2802, 0.3540

Triad

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



57.1991, 0.3104, 0.3782



57.1991, 0.2602, 0.2795



57.1991, 0.3689, 0.3308

Complementary

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



57.1991, 0.3104, 0.3782



47.2832, 0.3148, 0.2843

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.



57.1991, 0.3447, 0.3053



57.1991, 0.3104, 0.3782



57.1991, 0.2817, 0.2764

Square

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



57.1991, 0.3104, 0.3782



57.1991, 0.2523, 0.2959



57.1991, 0.3124, 0.2858



57.1991, 0.3771, 0.3572

Rectangle

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



57.1991, 0.3104, 0.3782



57.1991, 0.2649, 0.3334



57.1991, 0.3124, 0.2858



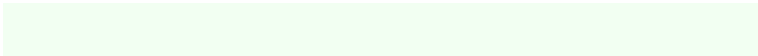
57.1991, 0.3623, 0.3219

Sweetspot

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



57.2015, 0.3104, 0.3782



96.8676, 0.3121, 0.3415



62.0999, 0.3399, 0.3739



20.6431, 0.3120, 0.3434



0.0000, 0.0000, 0.0000



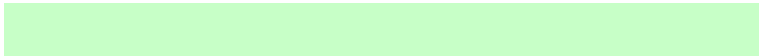
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2015, 0.3104, 0.3782



87.7680, 0.3098, 0.3908



57.9788, 0.2977, 0.3531



13.2063, 0.3116, 0.3530



28.1163, 0.3000, 0.6000



1.5721, 0.3000, 0.5999

Inverse Universe

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



47.2832, 0.3148, 0.2843



69.2798, 0.3153, 0.2741



46.3977, 0.3309, 0.3061



12.0090, 0.3138, 0.3061



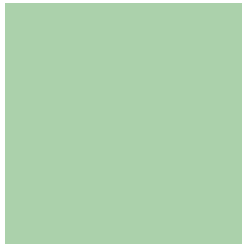
11.1944, 0.3210, 0.1542



0.6259, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 57.1991, 0.3104, 0.3782 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 57.1991, 0.3104, 0.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

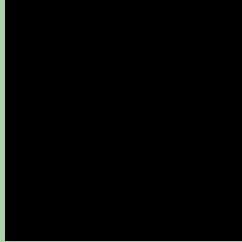
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1991, 0.3104, 0.3782

Background



This preview shows how black text looks on a background with the Yxy color 57.1991, 0.3104, 0.3782.



This preview shows how white text looks on a background with the Yxy color 57.1991, 0.3104, 0.3782.

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

57.1991, 0.3104, 0.3782

Protanopia

56.8430, 0.3468, 0.3674

Deuteranopia

56.6876, 0.3557, 0.3474



Tritanopia

56.9392, 0.2843, 0.3083

Trichromacy



Original Color

57.1991, 0.3104, 0.3782

Protanomaly

56.8040, 0.3329, 0.3711

Deuteranomaly

56.7096, 0.3381, 0.3579

Tritanomaly

57.1570, 0.2933, 0.3327

Monochromacy



Original Color

57.1991, 0.3104, 0.3782

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.6639, 0.3119, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1991, 0.3104, 0.3782 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(171, 209, 171)` looks like.

```
.text, #text, p{  
    color:rgb(171, 209, 171)  
}
```

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(171, 209, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 209, 171) }
```

Border

The CSS property to change the border of an element to Yxy 57.1991, 0.3104, 0.3782 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(171, 209, 171) }
```

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

```
.border{ border-color:rgb(171, 209, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 209, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 209, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 209, 171);  
box-shadow:4px 4px 4px 4px rgb(171, 209,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1991, 0.3104, 0.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 209, 171) }
```

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

```
.background{ background-color: rgb(171,  
209, 171) }
```

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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