

Converting Colors

$Yxy(59.4690, 0.3048, 0.3771)$

Have a look what the booklet for
Yxy(59.4690, 0.3048, 0.3771)
contains.

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Color

Yxy(59.5526, 0.3047, 0.3778)

Conversions

Conversions Part 1

Format	Color
Hex	A8D6B0
RGB	168, 214, 176
RGB Percent	66%, 84%, 69%
CMY	0.3412, 0.1608, 0.3097
CMYK	0.22, 0.00, 0.18, 0.16
HSL	130°, 36%, 75%
HSV	130°, 22%, 84%
XYZ	48.0298, 59.5526, 50.0475
YIQ	195.9140, -15.2180, -21.5700

Conversions

Conversions Part 2

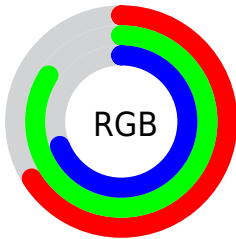
Format	Color
RYB	168, 207, 214
Decimal	11065008
CIELab	81.59, -22.41, 13.92
CIElCh	82, 26.380, 148.160
Yxy	59.5526, 0.3047, 0.3778
Android (android.graphics.Color)	4289255088 (0xFFA8D6B0)
YUV	195.9140, -9.8176, -24.4806
Hunter-Lab	77.1703, -23.9519, 15.5677

Details

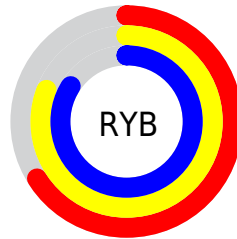
The Yxy color **59.5526, 0.3047, 0.3778** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.7503, 0.3219, 0.2847**, and the grayscale version is **55.2144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1935, 0.3067, 0.3526**, and **29.8712, 0.3024, 0.3920** is the 20% darker color. If you saturate the color by 10%, you get **56.7422, 0.3011, 0.4048**, and if you desaturate by 10%, it is **62.8455, 0.3084, 0.3535**.

Distribution



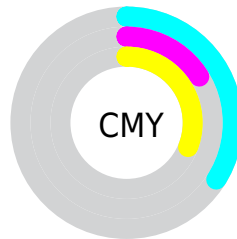
- Red (66%)
- Green (84%)
- Blue (69%)



- Red (66%)
- Yellow (81%)
- Blue (84%)



- Cyan (22%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)





- Cyan (34%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5526, 0.3047, 0.3778 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 59.5526, 0.3047, 0.3778 by changing the saturation by 10% instead.


 59.5526, 0.3047,
0.3778

 59.5526, 0.3047,
0.3778


422.9467, 0.3089,
0.3536

 43.0581, 0.3036,
0.3838


 104.1804, 0.3063,
0.3691

 29.9307, 0.3021,
0.3914


 133.0825, 0.3069,
0.3658

 19.7860, 0.3001,
0.4014


166.8892, 0.3074,
0.3630

 12.2396, 0.2972,
0.4153

205.9850, 0.3078,
0.3606

 6.9071, 0.2927,
0.4357

250.7543, 0.3081,
0.3585

 3.4040, 0.2848,
0.4683

301.5814, 0.3084,

 1.3461, 0.2754,

0.3567

0.5509

358.8507, 0.3087,
0.3551

■ 0.1765, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5526, 0.3047,
0.3778

■ 59.5526, 0.3047,
0.3778

■ 56.7422, 0.3011,
0.4048

■ 62.8455, 0.3084,
0.3535

■ 54.3845, 0.2978,
0.4340

■ 66.6343, 0.3122,
0.3320

■ 52.4577, 0.2951,
0.4647

■ 70.9411, 0.3158,
0.3132

■ 50.9353, 0.2932,
0.4956

■ 75.7845, 0.3192,
0.2968

■ 49.7881, 0.2923,
0.5250

■ 76.5769, 0.3146,
0.2891

■ 48.9824, 0.2927,
0.5511

■ 48.4786, 0.2942,
0.5720

■ 48.2329, 0.2959,
0.5852

Harmonies

Analogous

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



59.5526, 0.3386, 0.3898



59.5526, 0.3047, 0.3778



59.5526, 0.2741, 0.3502

Triad

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



59.5526, 0.3047, 0.3778



59.5526, 0.2603, 0.2755



59.5526, 0.3746, 0.3354

Complementary

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



59.5526, 0.3047, 0.3778



46.7503, 0.3219, 0.2847

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.



59.5526, 0.3514, 0.3081



59.5526, 0.3047, 0.3778



59.5526, 0.2848, 0.2745

Square

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



59.5526, 0.3047, 0.3778



59.5526, 0.2495, 0.2904



59.5526, 0.3180, 0.2863



59.5526, 0.3801, 0.3627

Rectangle

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



59.5526, 0.3047, 0.3778



59.5526, 0.2594, 0.3282



59.5526, 0.3180, 0.2863



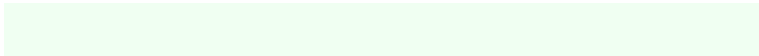
59.5526, 0.3686, 0.3260

Sweetspot

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



59.5551, 0.3047, 0.3778



96.4260, 0.3105, 0.3415



64.0934, 0.3389, 0.3834



20.5595, 0.3102, 0.3429



0.0000, 0.0000, 0.0000



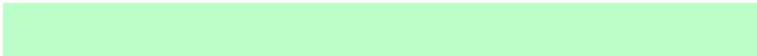
21.4041, 0.3127, 0.3290

Same Dimension

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



59.5551, 0.3047, 0.3778



86.4838, 0.3030, 0.3903



60.5277, 0.2903, 0.3482



13.9310, 0.3092, 0.3488



29.1621, 0.2954, 0.5833



1.7699, 0.2870, 0.5533

Inverse Universe

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



46.7503, 0.3219, 0.2847



64.0227, 0.3243, 0.2746



45.7280, 0.3418, 0.3107



12.5937, 0.3164, 0.3100



10.5644, 0.3704, 0.1814



0.6472, 0.3604, 0.1759

Previews

White Background



This preview shows how the Yxy color 59.5526, 0.3047, 0.3778 looks on a white background.

Color Contrast Check

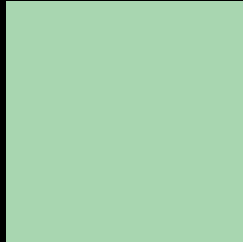
Large Text (above 18pt) WCAG AA × Fail

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 59.5526, 0.3047, 0.3778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

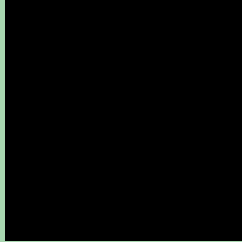
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.5526, 0.3047, 0.3778

Background



This preview shows how black text looks on a background with the Yxy color 59.5526, 0.3047, 0.3778.

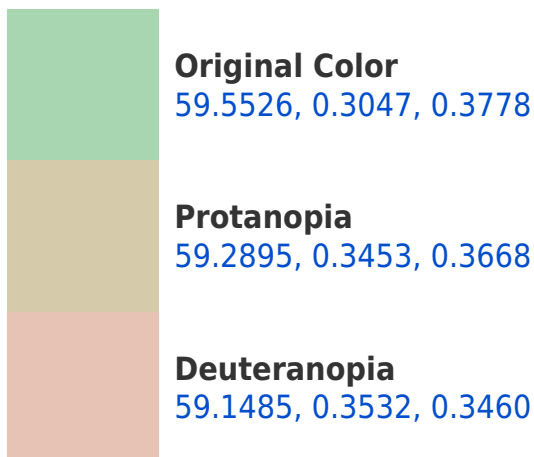


This preview shows how white text looks on a background with the Yxy color 59.5526, 0.3047, 0.3778.

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





Tritanopia

59.2376, 0.2795, 0.3085

Trichromacy



Original Color

59.5526, 0.3047, 0.3778

Protanomaly

58.9915, 0.3301, 0.3706

Deuteranomaly

58.7611, 0.3336, 0.3565

Tritanomaly

59.4824, 0.2882, 0.3326

Monochromacy



Original Color

59.5526, 0.3047, 0.3778

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.8251, 0.3096, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5526, 0.3047, 0.3778 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(168, 214, 176)` looks like.

```
.text, #text, p{  
    color:rgb(168, 214, 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(168, 214, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 214, 176) }
```

Border

The CSS property to change the border of an element to Yxy 59.5526, 0.3047, 0.3778 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(168, 214, 176) }
```

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

```
.border{ border-color:rgb(168, 214, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 214, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 214, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 214, 176);  
box-shadow:4px 4px 4px 4px rgb(168, 214,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5526, 0.3047, 0.3778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 214, 176) }
```

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

```
.background{ background-color: rgb(168,  
214, 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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