

Converting Colors

Yxy(61.0373, 0.3042, 0.3500)

Have a look what the booklet for
Yxy(61.0373, 0.3042, 0.3500)
contains.

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Color

Yxy(61.1724, 0.3044, 0.3510)

Conversions

Conversions Part 1

Format	Color
Hex	B8D4C2
RGB	184, 212, 194
RGB Percent	72%, 83%, 76%
CMY	0.2784, 0.1686, 0.2392
CMYK	0.13, 0.00, 0.08, 0.17
HSL	141°, 25%, 78%
HSV	141°, 13%, 83%
XYZ	53.0509, 61.1724, 60.0570
YIQ	201.5760, -10.9100, -11.5340

Conversions

Conversions Part 2

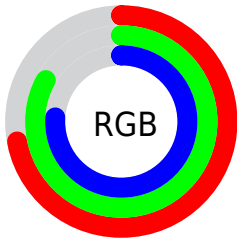
Format	Color
RYB	184, 205, 212
Decimal	12113090
CIELab	82.47, -12.77, 5.76
CIElCh	82, 14.008, 155.730
Yxy	61.1724, 0.3044, 0.3510
Android (android.graphics.Color)	4290303170 (0xFFB8D4C2)
YUV	201.5760, -3.7350, -15.4142
Hunter-Lab	78.2128, -15.7976, 9.2221

Details

The Yxy color **61.1724, 0.3044, 0.3510** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.5469, 0.3221, 0.3080**, and the grayscale version is **58.8164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9474, 0.3063, 0.3339**, and **30.8327, 0.3028, 0.3570** is the 20% darker color. If you saturate the color by 10%, you get **58.1654, 0.2983, 0.3700**, and if you desaturate by 10%, it is **64.6331, 0.3107, 0.3340**.

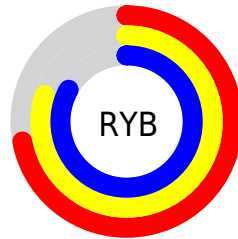
Distribution



Red (72%)

Green (83%)

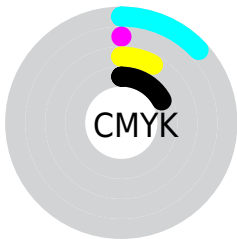
Blue (76%)



Red (72%)

Yellow (80%)

Blue (83%)

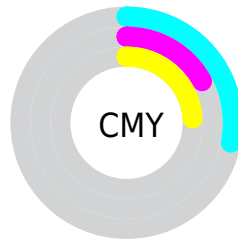


Cyan (13%)

Magenta (0%)

Yellow (8%)

Black (17%)



Cyan (28%)


Magenta (17%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1724, 0.3044, 0.3510 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 61.1724, 0.3044, 0.3510 by changing the saturation by 10% instead.


 61.1724, 0.3044,
0.3510

 61.1724, 0.3044,
0.3510


428.9058, 0.3085,
0.3403

 44.3643, 0.3034,
0.3536

 106.5285, 0.3059,
0.3472

 30.9570, 0.3022,
0.3568


135.8453, 0.3064,
0.3457

 20.5661, 0.3005,
0.3611


170.1005, 0.3069,
0.3445

 12.8072, 0.2983,
0.3668

209.6785, 0.3073,
0.3434

 7.2959, 0.2951,
0.3752

254.9636, 0.3076,
0.3425

 3.6479, 0.2901,
0.3881

306.3403, 0.3079,

 1.4786, 0.2810,

0.3417

0.4111

364.1929, 0.3082,
0.3410

0.2736, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.1724, 0.3044,
0.3510

61.1724, 0.3044,
0.3510

58.1654, 0.2983,
0.3700

64.6331, 0.3107,
0.3340

55.5854, 0.2925,
0.3910

68.5574, 0.3170,
0.3190

53.4147, 0.2875,
0.4138

72.9647, 0.3231,
0.3058

51.6314, 0.2834,
0.4380

75.1568, 0.3191,
0.2931

■ 50.2114, 0.2807,
0.4630

■ 75.5677, 0.3147,
0.2871

■ 49.1278, 0.2797,
0.4879

■ 48.3498, 0.2804,
0.5117

■ 47.8405, 0.2828,
0.5333

■ 47.6061, 0.2851,
0.5464

Harmonies

Analogous

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



61.1724, 0.3224, 0.3596



61.1724, 0.3044, 0.3510



61.1724, 0.2890, 0.3360

Triad

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



61.1724, 0.3044, 0.3510



61.1724, 0.2874, 0.2994



61.1724, 0.3467, 0.3369

Complementary

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



61.1724, 0.3044, 0.3510



52.5469, 0.3221, 0.3080

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.



61.1724, 0.3368, 0.3216



61.1724, 0.3044, 0.3510



61.1724, 0.3023, 0.3004

Square

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



61.1724, 0.3044, 0.3510



61.1724, 0.2794, 0.3062



61.1724, 0.3204, 0.3084



61.1724, 0.3472, 0.3508

Rectangle

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



61.1724, 0.3044, 0.3510



61.1724, 0.2820, 0.3249



61.1724, 0.3204, 0.3084



61.1724, 0.3444, 0.3318

Sweetspot

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



61.1750, 0.3044, 0.3510



97.7015, 0.3102, 0.3354



63.1340, 0.3248, 0.3622



20.8224, 0.3097, 0.3366



0.0000, 0.0000, 0.0000



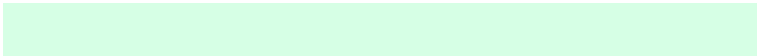
21.4041, 0.3127, 0.3290

Same Dimension

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



61.1750, 0.3044, 0.3510



91.4911, 0.3026, 0.3564



61.8237, 0.2954, 0.3340



13.9686, 0.3068, 0.3444



29.4067, 0.2844, 0.5438



1.7892, 0.2745, 0.5082

Inverse Universe

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



52.5469, 0.3221, 0.3080



75.7707, 0.3245, 0.3031



51.9226, 0.3333, 0.3241



12.5539, 0.3192, 0.3141



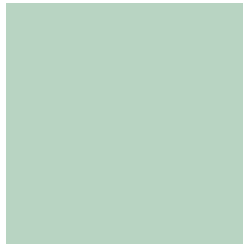
9.7625, 0.4360, 0.2175



0.6044, 0.4110, 0.2038

Previews

White Background



This preview shows how the Yxy color 61.1724, 0.3044, 0.3510 looks on a white background.

Color Contrast Check

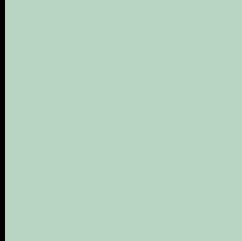
Large Text (above 18pt) WCAG AA × Fail

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 61.1724, 0.3044, 0.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

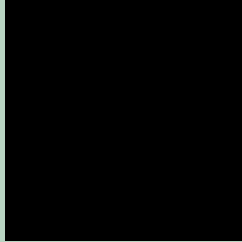
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

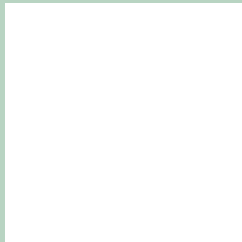
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.1724, 0.3044, 0.3510

Background



This preview shows how black text looks on a background with the Yxy color 61.1724, 0.3044, 0.3510.



This preview shows how white text looks on a background with the Yxy color 61.1724, 0.3044, 0.3510.

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

61.1724, 0.3044, 0.3510

Protanopia

60.9005, 0.3291, 0.3453

Deuteranopia

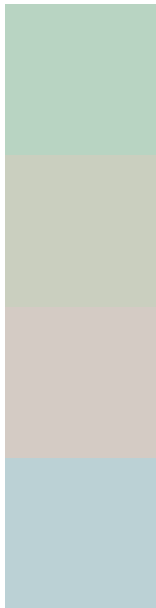
60.9134, 0.3375, 0.3302



Tritanopia

61.3124, 0.2884, 0.3102

Trichromacy



Original Color

61.1724, 0.3044, 0.3510

Protanomaly

60.9438, 0.3202, 0.3480

Deuteranomaly

60.6944, 0.3248, 0.3371

Tritanomaly

60.9698, 0.2940, 0.3242

Monochromacy



Original Color

61.1724, 0.3044, 0.3510

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.8682, 0.3093, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1724, 0.3044, 0.3510 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(184, 212, 194)` looks like.

```
.text, #text, p{  
    color:rgb(184, 212, 194)  
}
```

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(184, 212, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 212, 194) }
```

Border

The CSS property to change the border of an element to Yxy 61.1724, 0.3044, 0.3510 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(184, 212, 194) }
```

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

```
.border{ border-color:rgb(184, 212, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 212, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 212, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 212, 194);  
box-shadow:4px 4px 4px 4px rgb(184, 212,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1724, 0.3044, 0.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 212, 194) }
```

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

```
.background{ background-color: rgb(184,  
212, 194) }
```

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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