

Converting Colors

Yxy(61.0483, 0.3040, 0.3497)

Have a look what the booklet for
Yxy(61.0483, 0.3040, 0.3497)
contains.

Yxy(61.2174, 0.3037, 0.3498)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.2174, 0.3037, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	B8D4C3
RGB	184, 212, 195
RGB Percent	72%, 83%, 76%
CMY	0.2787, 0.1685, 0.2353
CMYK	0.13, 0.00, 0.08, 0.17
HSL	144°, 25%, 78%
HSV	144°, 13%, 83%
XYZ	53.1496, 61.2174, 60.6399
YIQ	201.6900, -11.2310, -11.2230

Conversions

Conversions Part 2

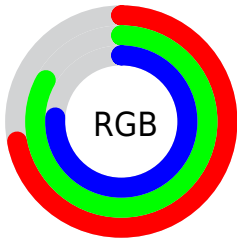
Format	Color
RYB	184, 204, 212
Decimal	12113091
CIELab	82.50, -12.62, 5.27
CIELCh	82, 13.675, 157.332
Yxy	61.2174, 0.3037, 0.3498
Android (android.graphics.Color)	4290303171 (0xFFB8D4C3)
YUV	201.6900, -3.2982, -15.5141
Hunter-Lab	78.2415, -15.6674, 8.8173

Details

The Yxy color **61.2174, 0.3037, 0.3498** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.4723, 0.3229, 0.3091**, and the grayscale version is **58.8807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0735, 0.3052, 0.3319**, and **30.8623, 0.3019, 0.3553** is the 20% darker color. If you saturate the color by 10%, you get **58.2391, 0.2971, 0.3677**, and if you desaturate by 10%, it is **64.6433, 0.3105, 0.3338**.

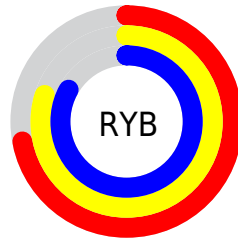
Distribution



Red (72%)

Green (83%)

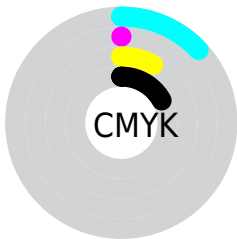
Blue (76%)



Red (72%)

Yellow (80%)

Blue (83%)

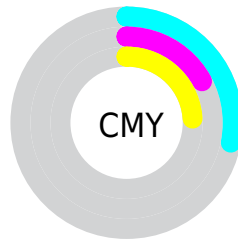


Cyan (13%)

Magenta (0%)

Yellow (8%)

Black (17%)



Cyan (28%)


Magenta (17%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2174, 0.3037, 0.3498 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 61.2174, 0.3037, 0.3498 by changing the saturation by 10% instead.

 61.2174, 0.3037,
0.3498

 61.2174, 0.3037,
0.3498


429.0707, 0.3081,
0.3397

 44.4006, 0.3026,
0.3522


 106.5937, 0.3053,
0.3462

 30.9856, 0.3013,
0.3553


135.9219, 0.3059,
0.3448

 20.5879, 0.2996,
0.3593


170.1895, 0.3064,
0.3437

 12.8231, 0.2972,
0.3647

209.7808, 0.3068,
0.3427

 7.3068, 0.2938,
0.3726

255.0801, 0.3072,
0.3418

 3.6547, 0.2884,
0.3847

306.4720, 0.3075,

 1.4824, 0.2790,

0.3410

0.4063

364.3407, 0.3078,
0.3403

0.2763, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.2174, 0.3037,
0.3498

61.2174, 0.3037,
0.3498

58.2391, 0.2971,
0.3677

64.6433, 0.3105,
0.3338

55.6821, 0.2909,
0.3875

68.5265, 0.3173,
0.3196

53.5288, 0.2855,
0.4089

72.8863, 0.3240,
0.3071

51.7576, 0.2812,
0.4317

75.0367, 0.3205,
0.2951

■ 50.3447, 0.2782,
0.4553

■ 75.5770, 0.3147,
0.2871

■ 49.2635, 0.2769,
0.4790

■ 48.4835, 0.2775,
0.5019

■ 47.9682, 0.2800,
0.5231

■ 47.7286, 0.2823,
0.5362

Harmonies

Analogous

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



61.2174, 0.3213, 0.3586



61.2174, 0.3037, 0.3498



61.2174, 0.2889, 0.3350

Triad

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



61.2174, 0.3037, 0.3498



61.2174, 0.2887, 0.3000



61.2174, 0.3461, 0.3376

Complementary

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



61.2174, 0.3037, 0.3498



52.4723, 0.3229, 0.3091

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.



61.2174, 0.3369, 0.3226



61.2174, 0.3037, 0.3498



61.2174, 0.3035, 0.3013

Square

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



61.2174, 0.3037, 0.3498



61.2174, 0.2804, 0.3062



61.2174, 0.3212, 0.3095



61.2174, 0.3461, 0.3509

Rectangle

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



61.2174, 0.3037, 0.3498



61.2174, 0.2824, 0.3241



61.2174, 0.3212, 0.3095



61.2174, 0.3440, 0.3326

Sweetspot

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



61.2200, 0.3037, 0.3498



97.7245, 0.3100, 0.3350



63.0084, 0.3241, 0.3624



20.8282, 0.3094, 0.3362



0.0000, 0.0000, 0.0000



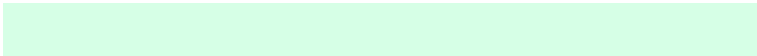
21.4041, 0.3127, 0.3290

Same Dimension

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



61.2200, 0.3037, 0.3498



91.5740, 0.3017, 0.3548



61.8709, 0.2947, 0.3329



13.9761, 0.3063, 0.3435



29.4774, 0.2815, 0.5335



1.7940, 0.2718, 0.4983

Inverse Universe

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



52.4723, 0.3229, 0.3091



75.6829, 0.3255, 0.3045



51.8539, 0.3341, 0.3252



12.5460, 0.3197, 0.3150



9.6325, 0.4505, 0.2255



0.5971, 0.4222, 0.2099

Previews

White Background



This preview shows how the Yxy color 61.2174, 0.3037, 0.3498 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 61.2174, 0.3037, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

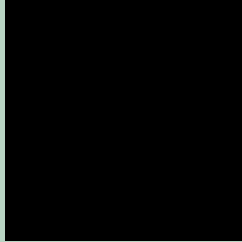
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

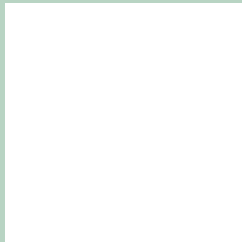
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2174, 0.3037, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 61.2174, 0.3037, 0.3498.

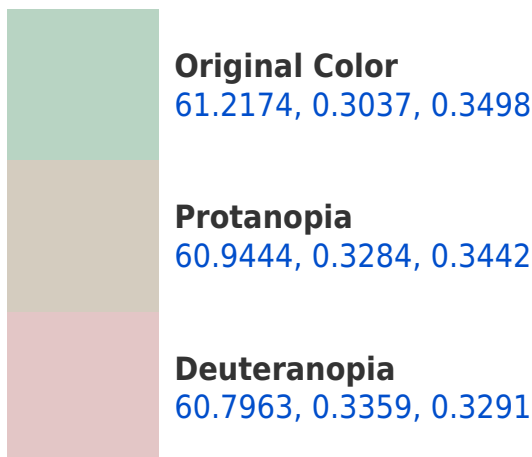


This preview shows how white text looks on a background with the Yxy color 61.2174, 0.3037, 0.3498.

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

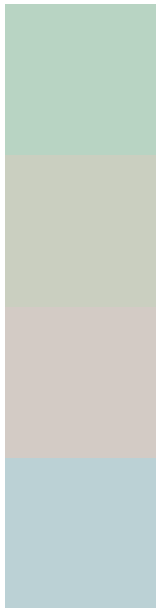




Tritanopia

61.3124, 0.2884, 0.3102

Trichromacy



Original Color

61.2174, 0.3037, 0.3498

Protanomaly

60.9880, 0.3195, 0.3468

Deuteranomaly

60.5920, 0.3233, 0.3360

Tritanomaly

60.9698, 0.2940, 0.3242

Monochromacy



Original Color

61.2174, 0.3037, 0.3498

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 61.2174, 0.3037, 0.3498 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(184, 212, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 212, 195) }
```

Border

The CSS property to change the border of an element to Yxy 61.2174, 0.3037, 0.3498 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, 195) }
```

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

```
.border{ border-color:rgb(184, 212, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 212, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 212, 195);  
box-shadow:4px 4px 4px 4px rgb(184, 212,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2174, 0.3037, 0.3498 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, 195) }
```

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

```
.background{ background-color: rgb(184,  
212, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor