

Converting Colors

Yxy(65.6195, 0.3009, 0.3441)

Have a look what the booklet for
Yxy(65.6195, 0.3009, 0.3441)
contains.

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Color

Yxy(65.4977, 0.3014, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	BEDACD
RGB	190, 218, 205
RGB Percent	75%, 85%, 80%
CMY	0.2550, 0.1451, 0.1962
CMYK	0.13, 0.00, 0.06, 0.15
HSL	152°, 27%, 80%
HSV	152°, 13%, 85%
XYZ	57.3200, 65.4977, 67.3615
YIQ	208.1460, -12.5150, -9.9790

Conversions

Conversions Part 2

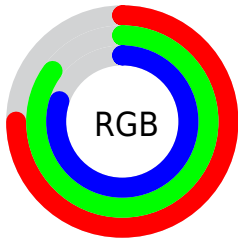
Format	Color
RYB	190, 208, 218
Decimal	12507853
CIELab	84.74, -11.79, 3.27
CIELCh	85, 12.233, 164.489
Yxy	65.4977, 0.3014, 0.3444
Android (android.graphics.Color)	4290697933 (0xFFBEDACD)
YUV	208.1460, -1.5510, -15.9140
Hunter-Lab	80.9306, -15.2041, 7.3023

Details

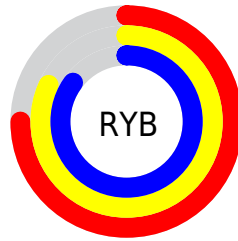
The Yxy color **65.4977, 0.3014, 0.3444** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.0398, 0.3257, 0.3141**, and the grayscale version is **63.1911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **33.6630, 0.2980, 0.3479** is the 20% darker color. If you saturate the color by 10%, you get **62.4264, 0.2930, 0.3579**, and if you desaturate by 10%, it is **69.0262, 0.3102, 0.3322**.

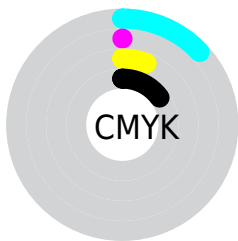
Distribution



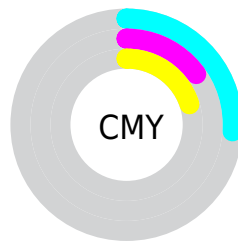
- Red (75%)
- Green (85%)
- Blue (80%)



- Red (75%)
- Yellow (82%)
- Blue (85%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (26%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.4977, 0.3014, 0.3444 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 65.4977, 0.3014, 0.3444 by changing the saturation by 10% instead.

■ 65.4977, 0.3014,
0.3444

■ 65.4977, 0.3014,
0.3444

444.5783, 0.3068,
0.3371

■ 47.8648, 0.3001,
0.3461

■ 112.7651, 0.3033,
0.3418

■ 33.7198, 0.2985,
0.3483

143.1683, 0.3040,
0.3408

■ 22.6784, 0.2965,
0.3511

178.5971, 0.3047,
0.3400

■ 14.3562, 0.2938,
0.3549

219.4359, 0.3052,
0.3392

■ 8.3689, 0.2899,
0.3602

266.0690, 0.3057,
0.3386

■ 4.3319, 0.2842,
0.3683

318.8808, 0.3061,

■ 1.8609, 0.2745,

0.3380

378.2558, 0.3065,
0.3375

0.3820

0.5247, 0.1956,
0.4866

0.0000, 0.0000,
0.0000

65.4977, 0.3014,
0.3444

65.4977, 0.3014,
0.3444

62.4264, 0.2930,
0.3579

69.0262, 0.3102,
0.3322

59.7847, 0.2851,
0.3728

73.0215, 0.3191,
0.3214

57.5549, 0.2782,
0.3889

77.4301, 0.3276,
0.3118

55.7146, 0.2725,
0.4061

78.0344, 0.3207,
0.3020

■ 54.2393, 0.2683,
0.4240

■ 78.6289, 0.3144,
0.2930

■ 53.1017, 0.2660,
0.4424

■ 52.2701, 0.2657,
0.4606

■ 51.7067, 0.2675,
0.4784

■ 51.4239, 0.2696,
0.4905

Harmonies

Analogous

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



65.4977, 0.3166, 0.3536



65.4977, 0.3014, 0.3444



65.4977, 0.2895, 0.3309

Triad

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



65.4977, 0.3014, 0.3444



65.4977, 0.2943, 0.3032



65.4977, 0.3427, 0.3396

Complementary

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



65.4977, 0.3014, 0.3444



56.0398, 0.3257, 0.3141

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.



65.4977, 0.3364, 0.3265



65.4977, 0.3014, 0.3444



65.4977, 0.3083, 0.3059

Square

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



65.4977, 0.3014, 0.3444



65.4977, 0.2854, 0.3072



65.4977, 0.3237, 0.3143



65.4977, 0.3406, 0.3504

Rectangle

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



65.4977, 0.3014, 0.3444



65.4977, 0.2848, 0.3215



65.4977, 0.3237, 0.3143



65.4977, 0.3415, 0.3354

Sweetspot

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



65.5005, 0.3014, 0.3444



97.8147, 0.3091, 0.3336



66.5713, 0.3207, 0.3617



20.8510, 0.3085, 0.3345



0.0000, 0.0000, 0.0000



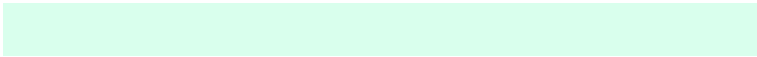
21.4041, 0.3127, 0.3290

Same Dimension

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



65.5005, 0.3014, 0.3444



92.3600, 0.2994, 0.3474



65.6733, 0.2931, 0.3279



14.7221, 0.3044, 0.3401



30.8265, 0.2689, 0.4881



2.0144, 0.2611, 0.4598

Inverse Universe

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



56.0398, 0.3257, 0.3141



76.7287, 0.3283, 0.3113



55.8499, 0.3359, 0.3302



13.1518, 0.3219, 0.3182



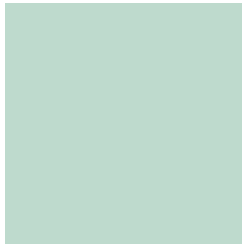
9.5189, 0.5096, 0.2581



0.6340, 0.4709, 0.2368

Previews

White Background



This preview shows how the Yxy color 65.4977, 0.3014, 0.3444 looks on a white background.

Color Contrast Check

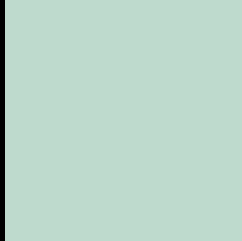
Large Text (above 18pt) WCAG AA × Fail

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 65.4977, 0.3014, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

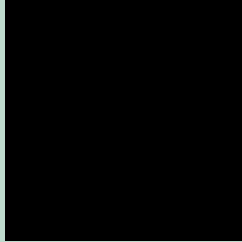
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

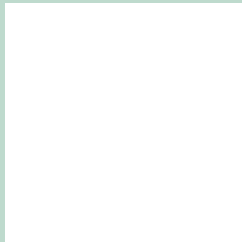
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.4977, 0.3014, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 65.4977, 0.3014, 0.3444.

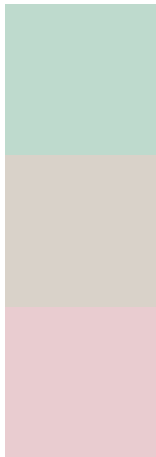


This preview shows how white text looks on a background with the Yxy color 65.4977, 0.3014, 0.3444.

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

65.4977, 0.3014, 0.3444

Protanopia

65.0619, 0.3243, 0.3392

Deuteranopia

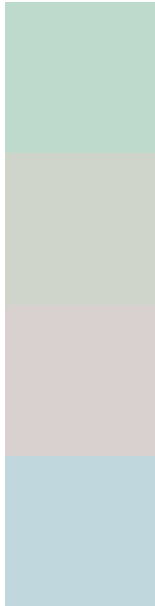
65.0634, 0.3323, 0.3247



Tritanopia

65.4648, 0.2884, 0.3096

Trichromacy



Original Color

65.4977, 0.3014, 0.3444

Protanomaly

65.1182, 0.3158, 0.3417

Deuteranomaly

64.8576, 0.3201, 0.3313

Tritanomaly

65.2123, 0.2926, 0.3208

Monochromacy



Original Color

65.4977, 0.3014, 0.3444

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.0095, 0.3080, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4977, 0.3014, 0.3444 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(190, 218, 205)` looks like.

```
.text, #text, p{  
    color:rgb(190, 218, 205)  
}
```

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(190, 218, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 218, 205) }
```

Border

The CSS property to change the border of an element to Yxy 65.4977, 0.3014, 0.3444 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(190, 218, 205) }
```

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

```
.border{ border-color:rgb(190, 218, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 218, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 218, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 218, 205);  
box-shadow:4px 4px 4px 4px rgb(190, 218,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4977, 0.3014, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 218, 205) }
```

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

```
.background{ background-color: rgb(190,  
218, 205) }
```

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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