

Converting Colors

Yxy(65.2386, 0.3003, 0.3511)

Have a look what the booklet for
Yxy(65.2386, 0.3003, 0.3511)
contains.

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Color

Yxy(65.1944, 0.3005, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	B9DBC9
RGB	185, 219, 201
RGB Percent	73%, 86%, 79%
CMY	0.2745, 0.1411, 0.2119
CMYK	0.16, 0.00, 0.08, 0.14
HSL	148°, 32%, 79%
HSV	148°, 16%, 86%
XYZ	55.8783, 65.1944, 64.8783
YIQ	206.7820, -14.4860, -12.8060

Conversions

Conversions Part 2

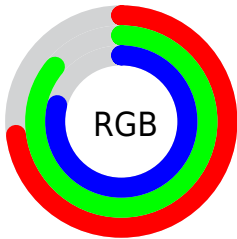
Format	Color
RYB	185, 208, 219
Decimal	12180425
CIELab	84.58, -14.69, 5.12
CIELCh	85, 15.556, 160.771
Yxy	65.1944, 0.3005, 0.3506
Android (android.graphics.Color)	4290370505 (0xFFB9DBC9)
YUV	206.7820, -2.8505, -19.1028
Hunter-Lab	80.7430, -17.7693, 8.8797

Details

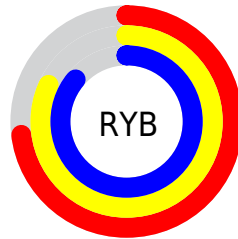
The Yxy color **65.1944, 0.3005, 0.3506** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.0720, 0.3270, 0.3084**, and the grayscale version is **62.2750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **33.5630, 0.2978, 0.3562** is the 20% darker color. If you saturate the color by 10%, you get **62.1538, 0.2930, 0.3666**, and if you desaturate by 10%, it is **68.7014, 0.3083, 0.3363**.

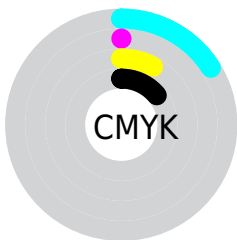
Distribution



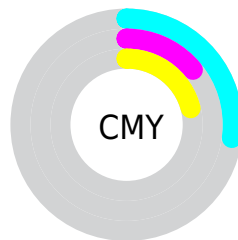
- Red (73%)
- Green (86%)
- Blue (79%)



- Red (73%)
- Yellow (82%)
- Blue (86%)



- Cyan (16%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)




- Cyan (27%)
- Magenta (14%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.1944, 0.3005, 0.3506 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 65.1944, 0.3005, 0.3506 by changing the saturation by 10% instead.


 65.1944, 0.3005,
0.3506

 65.1944, 0.3005,
0.3506


443.4902, 0.3064,
0.3402

 47.6187, 0.2991,
0.3531


 112.3293, 0.3026,
0.3469

 33.5251, 0.2974,
0.3562


142.6573, 0.3034,
0.3455

 22.5290, 0.2951,
0.3602


178.0049, 0.3040,
0.3443

 14.2461, 0.2921,
0.3656

218.7565, 0.3046,
0.3433

 8.2920, 0.2878,
0.3733

265.2964, 0.3051,
0.3424

 4.2824, 0.2813,
0.3850

318.0090, 0.3056,

 1.8327, 0.2702,

0.3416

0.4052

377.2789, 0.3060,
0.3409

0.5075, 0.1499,
0.6147

0.0000, 0.0000,
0.0000

65.1944, 0.3005,
0.3506

65.1944, 0.3005,
0.3506

62.1538, 0.2930,
0.3666

68.7014, 0.3083,
0.3363

59.5513, 0.2861,
0.3841

72.6852, 0.3163,
0.3235

57.3681, 0.2801,
0.4030

77.1665, 0.3242,
0.3122

55.5807, 0.2754,
0.4231

78.6694, 0.3194,
0.3011

■ 54.1633, 0.2722,
0.4438

■ 79.1474, 0.3144,
0.2940

■ 53.0868, 0.2710,
0.4648

■ 52.3175, 0.2716,
0.4852

■ 51.8144, 0.2743,
0.5045

■ 51.6438, 0.2758,
0.5128

Harmonies

Analogous

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



65.1944, 0.3199, 0.3614



65.1944, 0.3005, 0.3506



65.1944, 0.2847, 0.3336

Triad

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



65.1944, 0.3005, 0.3506



65.1944, 0.2875, 0.2965



65.1944, 0.3505, 0.3403

Complementary

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



65.1944, 0.3005, 0.3506



54.0720, 0.3270, 0.3084

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.



65.1944, 0.3413, 0.3237



65.1944, 0.3005, 0.3506



65.1944, 0.3046, 0.2990

Square

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



65.1944, 0.3005, 0.3506



65.1944, 0.2774, 0.3024



65.1944, 0.3243, 0.3088



65.1944, 0.3492, 0.3547

Rectangle

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



65.1944, 0.3005, 0.3506



65.1944, 0.2781, 0.3214



65.1944, 0.3243, 0.3088



65.1944, 0.3486, 0.3348

Sweetspot

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



65.1971, 0.3005, 0.3506



97.2336, 0.3087, 0.3356



66.8858, 0.3240, 0.3688



20.7318, 0.3082, 0.3366



0.0000, 0.0000, 0.0000



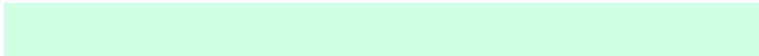
21.4041, 0.3127, 0.3290

Same Dimension

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



65.1971, 0.3005, 0.3506



90.3949, 0.2977, 0.3562



66.0368, 0.2900, 0.3303



14.7075, 0.3052, 0.3417



30.6415, 0.2750, 0.5100



2.0024, 0.2664, 0.4790

Inverse Universe

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



54.0720, 0.3270, 0.3084



71.5080, 0.3310, 0.3033



53.3093, 0.3409, 0.3278



13.1664, 0.3209, 0.3167



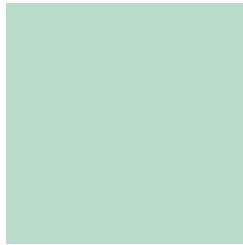
9.7019, 0.4822, 0.2430



0.6459, 0.4487, 0.2246

Previews

White Background



This preview shows how the Yxy color 65.1944, 0.3005, 0.3506 looks on a white background.

Color Contrast Check

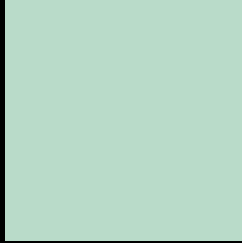
Large Text (above 18pt) WCAG AA × Fail

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 65.1944, 0.3005, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

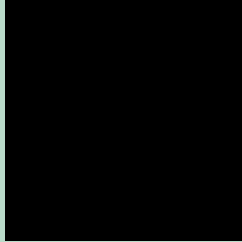
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

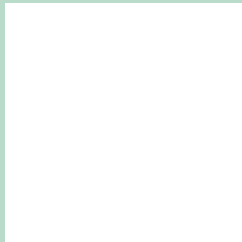
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.1944, 0.3005, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 65.1944, 0.3005, 0.3506.



This preview shows how white text looks on a background with the Yxy color 65.1944, 0.3005, 0.3506.

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

65.1944, 0.3005, 0.3506

Protanopia

64.9841, 0.3287, 0.3449

Deuteranopia

64.8690, 0.3353, 0.3291



Tritanopia

65.3742, 0.2845, 0.3094

Trichromacy



Original Color

65.1944, 0.3005, 0.3506

Protanomaly

64.7875, 0.3178, 0.3464

Deuteranomaly

64.5117, 0.3222, 0.3358

Tritanomaly

65.0236, 0.2899, 0.3231

Monochromacy



Original Color

65.1944, 0.3005, 0.3506

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.1384, 0.3080, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1944, 0.3005, 0.3506 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(185, 219, 201)` looks like.

```
.text, #text, p{  
    color:rgb(185, 219, 201)  
}
```

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(185, 219, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 219, 201) }
```

Border

The CSS property to change the border of an element to Yxy 65.1944, 0.3005, 0.3506 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(185, 219, 201) }
```

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

```
.border{ border-color:rgb(185, 219, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 219, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 219, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 219, 201);  
box-shadow:4px 4px 4px 4px rgb(185, 219,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1944, 0.3005, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 219, 201) }
```

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

```
.background{ background-color: rgb(185,  
219, 201) }
```

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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