

Converting Colors

$Yxy(63.3211, 0.3050, 0.3557)$

Have a look what the booklet for
Yxy(63.3211, 0.3050, 0.3557)
contains.

Yxy(63.3211, 0.3050, 0.3557)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(63.3211, 0.3050, 0.3557)

Conversions

Conversions Part 1

Format	Color
Hex	B9D8C2
RGB	185, 216, 194
RGB Percent	73%, 85%, 76%
CMY	0.2746, 0.1529, 0.2392
CMYK	0.14, 0.00, 0.10, 0.15
HSL	137°, 28%, 79%
HSV	137°, 14%, 85%
XYZ	54.2956, 63.3211, 60.4016
YIQ	204.2230, -11.4140, -13.4140

Conversions

Conversions Part 2

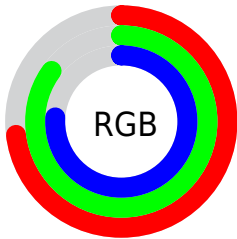
Format	Color
RYB	185, 209, 216
Decimal	12179650
CIELab	83.61, -14.49, 7.41
CIELCh	84, 16.273, 152.913
Yxy	63.3211, 0.3050, 0.3557
Android (android.graphics.Color)	4290369730 (0xFFB9D8C2)
YUV	204.2230, -5.0399, -16.8586
Hunter-Lab	79.5746, -17.4608, 10.6977

Details

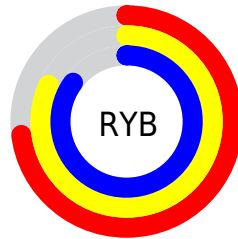
The Yxy color **63.3211, 0.3050, 0.3557** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.7895, 0.3214, 0.3037**, and the grayscale version is **60.5681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1229, 0.3070, 0.3339**, and **32.2887, 0.3036, 0.3632** is the 20% darker color. If you saturate the color by 10%, you get **60.1857, 0.2998, 0.3771**, and if you desaturate by 10%, it is **66.9409, 0.3104, 0.3366**.

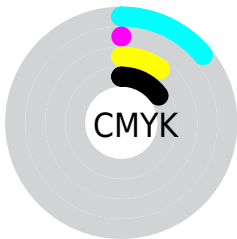
Distribution



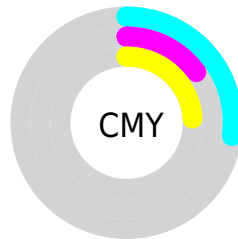
- Red (73%)
- Green (85%)
- Blue (76%)



- Red (73%)
- Yellow (82%)
- Blue (85%)



- Cyan (14%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)





- Cyan (27%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.3211, 0.3050, 0.3557 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 63.3211, 0.3050, 0.3557 by changing the saturation by 10% instead.


 63.3211, 0.3050,
0.3557

 63.3211, 0.3050,
0.3557


436.7339, 0.3088,
0.3428

 46.1010, 0.3041,
0.3588


 109.6326, 0.3064,
0.3511

 32.3255, 0.3029,
0.3627


139.4929, 0.3069,
0.3493

 21.6103, 0.3014,
0.3678


174.3353, 0.3073,
0.3478

 13.5708, 0.2993,
0.3747

214.5443, 0.3077,
0.3466

 7.8228, 0.2962,
0.3847

260.5042, 0.3080,
0.3454

 3.9818, 0.2914,
0.4000


312.5996, 0.3083,

 1.6634, 0.2827,


0.3444


0.4269


371.2147, 0.3086,
0.3436


 0.3998, 0.0617,
0.9383


 0.0000, 0.0000,
0.0000


 63.3211, 0.3050,
0.3557


 63.3211, 0.3050,
0.3557


 60.1857, 0.2998,
0.3771


 66.9409, 0.3104,
0.3366


 57.5062, 0.2949,
0.4007

 71.0563, 0.3157,
0.3198

 55.2632, 0.2906,
0.4262

 75.6881, 0.3209,
0.3050

 53.4328, 0.2872,
0.4531

 77.5981, 0.3145,
0.2911

■ 51.9890, 0.2851,
0.4804

■ 50.9023, 0.2845,
0.5071

■ 50.1391, 0.2855,
0.5317

■ 49.6588, 0.2881,
0.5530

■ 49.4756, 0.2898,
0.5634

Harmonies

Analogous

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



63.3211, 0.3256, 0.3647



63.3211, 0.3050, 0.3557



63.3211, 0.2869, 0.3388

Triad

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



63.3211, 0.3050, 0.3557



63.3211, 0.2825, 0.2955



63.3211, 0.3512, 0.3363

Complementary

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



63.3211, 0.3050, 0.3557



53.7895, 0.3214, 0.3037

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.



63.3211, 0.3389, 0.3189



63.3211, 0.3050, 0.3557



63.3211, 0.2989, 0.2958

Square

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



63.3211, 0.3050, 0.3557



63.3211, 0.2742, 0.3039



63.3211, 0.3195, 0.3043



63.3211, 0.3527, 0.3526

Rectangle

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



63.3211, 0.3050, 0.3557



63.3211, 0.2785, 0.3259



63.3211, 0.3195, 0.3043



63.3211, 0.3481, 0.3304

Sweetspot

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



63.3238, 0.3050, 0.3557



97.6595, 0.3106, 0.3360



65.9162, 0.3274, 0.3652



20.8118, 0.3101, 0.3374



0.0000, 0.0000, 0.0000



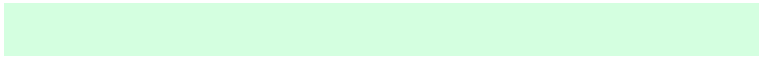
21.4041, 0.3127, 0.3290

Same Dimension

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



63.3238, 0.3050, 0.3557



90.8615, 0.3035, 0.3614



64.0461, 0.2952, 0.3370



13.9549, 0.3077, 0.3460



29.2972, 0.2891, 0.5607



1.7814, 0.2793, 0.5255

Inverse Universe

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



53.7895, 0.3214, 0.3037



74.6059, 0.3233, 0.2986



53.0780, 0.3337, 0.3212



12.5682, 0.3182, 0.3126



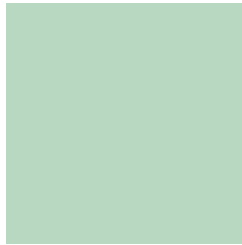
10.0245, 0.4106, 0.2036



0.6187, 0.3916, 0.1931

Previews

White Background



This preview shows how the Yxy color 63.3211, 0.3050, 0.3557 looks on a white background.

Color Contrast Check

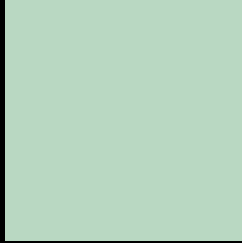
Large Text (above 18pt) WCAG AA × Fail

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 63.3211, 0.3050, 0.3557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

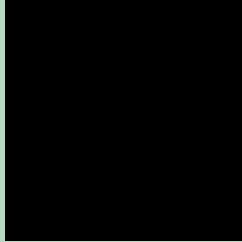
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

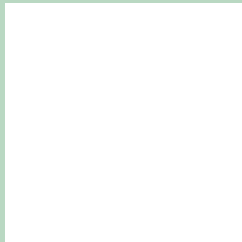
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.3211, 0.3050, 0.3557

Background



This preview shows how black text looks on a background with the Yxy color 63.3211, 0.3050, 0.3557.



This preview shows how white text looks on a background with the Yxy color 63.3211, 0.3050, 0.3557.

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

63.3211, 0.3050, 0.3557

Protanopia

62.8987, 0.3326, 0.3497

Deuteranopia

62.9603, 0.3403, 0.3335



Tritanopia

63.2663, 0.2874, 0.3093

Trichromacy



Original Color

63.3211, 0.3050, 0.3557

Protanomaly

62.8339, 0.3222, 0.3513

Deuteranomaly

62.5752, 0.3268, 0.3405

Tritanomaly

63.3652, 0.2936, 0.3254

Monochromacy



Original Color

63.3211, 0.3050, 0.3557

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.1522, 0.3100, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3211, 0.3050, 0.3557 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, 216, 194)` looks like.

```
.text, #text, p{  
    color:rgb(185, 216, 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(185, 216, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 216, 194) }
```

Border

The CSS property to change the border of an element to Yxy 63.3211, 0.3050, 0.3557 is called "border". The border property can be set on classes, ids or directly on the HTML element.

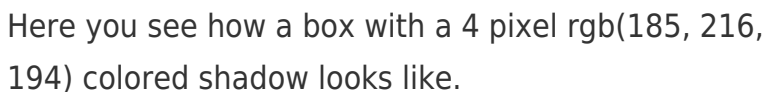
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 216, 194) }
```

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

```
.border{ border-color:rgb(185, 216, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 216, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 216, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 216, 194); box-shadow:4px 4px 4px 4px rgb(185, 216, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3211, 0.3050, 0.3557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 216, 194) }
```

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

```
.background{ background-color: rgb(185,  
216, 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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