

Converting Colors

Yxy(65.3536, 0.3198, 0.3810)

Have a look what the booklet for
Yxy(65.3536, 0.3198, 0.3810)
contains.

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Color

Yxy(65.3079, 0.3195, 0.3811)

Conversions

Conversions Part 1

Format	Color
Hex	BEDCB1
RGB	190, 220, 177
RGB Percent	75%, 86%, 69%
CMY	0.2551, 0.1372, 0.3059
CMYK	0.14, 0.00, 0.20, 0.14
HSL	102°, 38%, 78%
HSV	102°, 20%, 86%
XYZ	54.7517, 65.3079, 51.3072
YIQ	206.1280, -4.0770, -19.7330

Conversions

Conversions Part 2

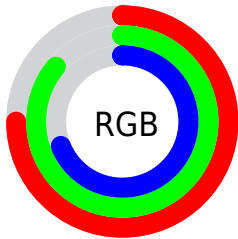
Format	Color
RYB	177, 220, 207
Decimal	12508337
CIELab	84.64, -17.77, 17.89
CIELCh	85, 25.217, 134.817
Yxy	65.3079, 0.3195, 0.3811
Android (android.graphics.Color)	4290698417 (0xFFBEDCB1)
YUV	206.1280, -14.3601, -14.1443
Hunter-Lab	80.8133, -20.4880, 18.9269

Details

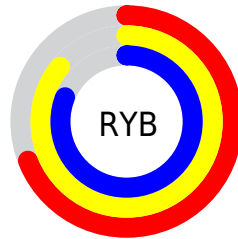
The Yxy color **65.3079, 0.3195, 0.3811** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.8829, 0.3043, 0.2790**, and the grayscale version is **61.8979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1773, 0.3205, 0.3506**, and **33.5997, 0.3207, 0.3955** is the 20% darker color. If you saturate the color by 10%, you get **62.6267, 0.3225, 0.4114**, and if you desaturate by 10%, it is **68.3452, 0.3161, 0.3532**.

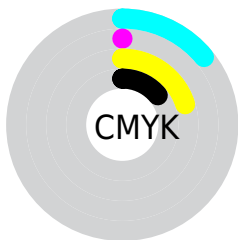
Distribution



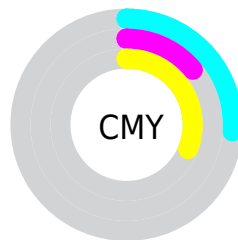
- Red (75%)
- Green (86%)
- Blue (69%)



- Red (69%)
- Yellow (86%)
- Blue (81%)



- Cyan (14%)
- Magenta (0%)
- Yellow (20%)
- Black (14%)




- Cyan (26%)
- Magenta (14%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.3079, 0.3195, 0.3811 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 65.3079, 0.3195, 0.3811 by changing the saturation by 10% instead.


 65.3079, 0.3195,
0.3811

 65.3079, 0.3195,
0.3811


443.8976, 0.3167,
0.3558

 47.7108, 0.3200,
0.3872

 112.4924, 0.3186,
0.3721

 33.5979, 0.3207,
0.3949


142.8486, 0.3182,
0.3686

 22.5849, 0.3213,
0.4049


178.2266, 0.3179,
0.3657

 14.2873, 0.3220,
0.4185

219.0108, 0.3176,
0.3632

 8.3207, 0.3225,
0.4378

265.5856, 0.3173,
0.3610

 4.3009, 0.3223,
0.4675

318.3354, 0.3171,

 1.8432, 0.3251,

0.3590

0.5277

377.6446, 0.3169,
0.3573

0.5139, 0.0960,
0.9040

0.0000, 0.0000,
0.0000

65.3079, 0.3195,
0.3811

65.3079, 0.3195,
0.3811

62.6267, 0.3225,
0.4114

68.3452, 0.3161,
0.3532

60.2799, 0.3249,
0.4434

71.7425, 0.3126,
0.3279

58.2561, 0.3264,
0.4761

75.5146, 0.3090,
0.3054

56.5403, 0.3266,
0.5078

79.0121, 0.3119,
0.2948

■ 55.1159, 0.3254,
0.5365

■ 79.6775, 0.3143,
0.2950

■ 53.9646, 0.3227,
0.5604

■ 53.0657, 0.3186,
0.5779

■ 52.3894, 0.3137,
0.5888

■ 52.3635, 0.3135,
0.5893

Harmonies

Analogous

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



65.3079, 0.3495, 0.3846



65.3079, 0.3195, 0.3811



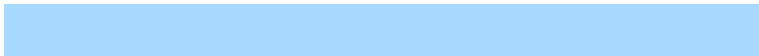
65.3079, 0.2887, 0.3612

Triad

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



65.3079, 0.3195, 0.3811



65.3079, 0.2577, 0.2839



65.3079, 0.3622, 0.3234

Complementary

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



65.3079, 0.3195, 0.3811



49.8829, 0.3043, 0.2790

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.



65.3079, 0.3355, 0.2996



65.3079, 0.3195, 0.3811



65.3079, 0.2753, 0.2771

Square

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



65.3079, 0.3195, 0.3811



65.3079, 0.2541, 0.3033



65.3079, 0.3034, 0.2830



65.3079, 0.3751, 0.3496

Rectangle

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



65.3079, 0.3195, 0.3811



65.3079, 0.2718, 0.3420



65.3079, 0.3034, 0.2830



65.3079, 0.3545, 0.3150

Sweetspot

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



65.3107, 0.3195, 0.3811



97.0812, 0.3149, 0.3440



62.7252, 0.3448, 0.3628



20.7138, 0.3151, 0.3457



0.0000, 0.0000, 0.0000



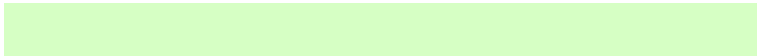
21.4041, 0.3127, 0.3290

Same Dimension

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



65.3107, 0.3195, 0.3811



89.8180, 0.3206, 0.3919



64.0407, 0.3052, 0.3725



14.7952, 0.3161, 0.3528



30.7759, 0.3145, 0.5885



2.0381, 0.3269, 0.5786

Inverse Universe

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



49.8829, 0.3043, 0.2790



64.9223, 0.3024, 0.2692



51.4182, 0.3213, 0.2891



13.0679, 0.3090, 0.3056



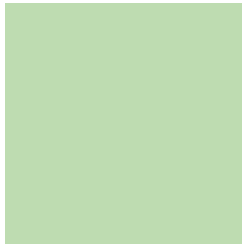
7.1127, 0.2463, 0.1131



0.5049, 0.2589, 0.1200

Previews

White Background



This preview shows how the Yxy color 65.3079, 0.3195, 0.3811 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 65.3079, 0.3195, 0.3811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

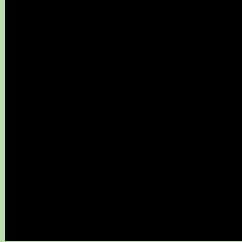
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

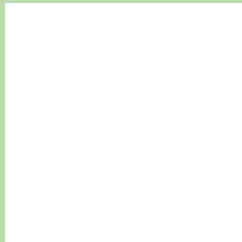
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.3079, 0.3195, 0.3811

Background



This preview shows how black text looks on a background with the Yxy color 65.3079, 0.3195, 0.3811.

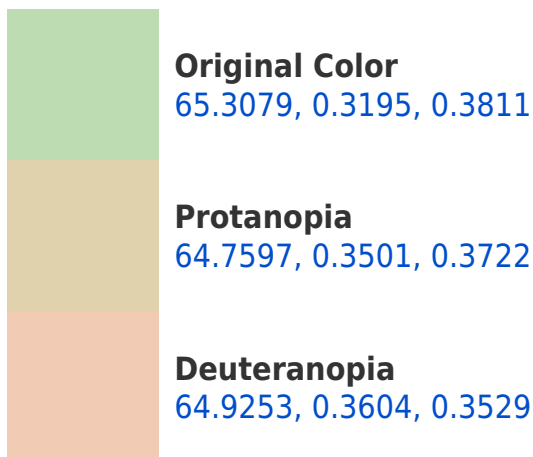


This preview shows how white text looks on a background with the Yxy color 65.3079, 0.3195, 0.3811.

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

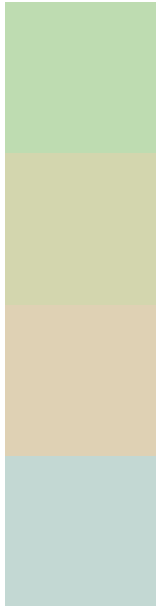




Tritanopia

65.3074, 0.2910, 0.3096

Trichromacy



Original Color

65.3079, 0.3195, 0.3811

Protanomaly

64.9980, 0.3383, 0.3756

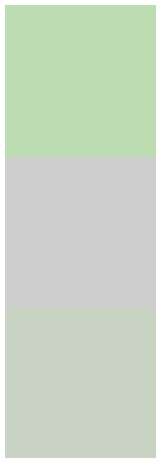
Deuteranomaly

64.5842, 0.3444, 0.3619

Tritanomaly

65.4170, 0.3010, 0.3348

Monochromacy



Original Color

65.3079, 0.3195, 0.3811

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.8080, 0.3156, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3079, 0.3195, 0.3811 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, 220, 177)` looks like.

```
.text, #text, p{  
    color:rgb(190, 220, 177)  
}
```

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, 220, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 220, 177) }
```

Border

The CSS property to change the border of an element to Yxy 65.3079, 0.3195, 0.3811 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, 220, 177) }
```

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

```
.border{ border-color:rgb(190, 220, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 220, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 220, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 220, 177); box-shadow:4px 4px 4px 4px rgb(190, 220, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3079, 0.3195, 0.3811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 220, 177) }
```

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

```
.background{ background-color: rgb(190,  
220, 177) }
```

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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