

Converting Colors

Yxy(62.0802, 0.3148, 0.3681)

Have a look what the booklet for
Yxy(62.0802, 0.3148, 0.3681)
contains.

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Color

Yxy(62.0353, 0.3145, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	BBD6B6
RGB	187, 214, 182
RGB Percent	73%, 84%, 71%
CMY	0.2668, 0.1607, 0.2863
CMYK	0.13, 0.00, 0.15, 0.16
HSL	111°, 28%, 78%
HSV	111°, 15%, 84%
XYZ	52.9734, 62.0353, 53.4282
YIQ	202.2790, -5.8200, -15.6760

Conversions

Conversions Part 2

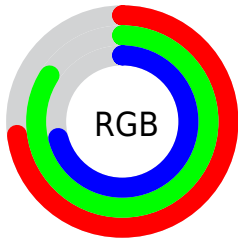
Format	Color
RYB	182, 214, 209
Decimal	12310198
CIELab	82.93, -14.96, 12.82
CIElCh	83, 19.702, 139.391
Yxy	62.0353, 0.3145, 0.3683
Android (android.graphics.Color)	4290500278 (0xFFBBD6B6)
YUV	202.2790, -9.9975, -13.3997
Hunter-Lab	78.7625, -17.7804, 14.9146

Details

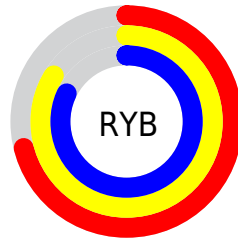
The Yxy color **62.0353, 0.3145, 0.3683** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.8675, 0.3104, 0.2918**, and the grayscale version is **59.3082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7477, 0.3150, 0.3458**, and **31.4496, 0.3152, 0.3785** is the 20% darker color. If you saturate the color by 10%, you get **59.0816, 0.3154, 0.3983**, and if you desaturate by 10%, it is **65.4166, 0.3133, 0.3413**.

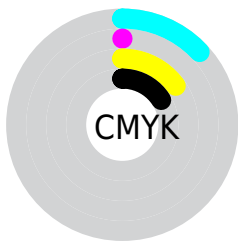
Distribution



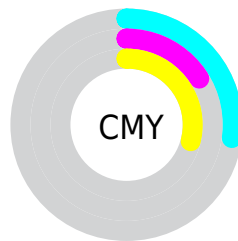
- Red (73%)
- Green (84%)
- Blue (71%)



- Red (71%)
- Yellow (84%)
- Blue (82%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (16%)





- Cyan (27%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0353, 0.3145, 0.3683 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 62.0353, 0.3145, 0.3683 by changing the saturation by 10% instead.

 62.0353, 0.3145,
0.3683

 62.0353, 0.3145,
0.3683


432.0598, 0.3139,
0.3491

 45.0612, 0.3146,
0.3729


 107.7765, 0.3143,
0.3614

 31.5057, 0.3146,
0.3788


137.3125, 0.3143,
0.3588

 20.9842, 0.3147,
0.3865


171.8046, 0.3142,
0.3566

 13.1124, 0.3146,
0.3970

211.6371, 0.3141,
0.3547

 7.5060, 0.3142,
0.4122

257.1945, 0.3140,
0.3530

 3.7805, 0.3130,
0.4358

308.8611, 0.3140,

 1.5516, 0.3123,

0.3516

0.4820

367.0215, 0.3139,
0.3503

0.3246, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.0353, 0.3145,
0.3683

62.0353, 0.3145,
0.3683

59.0816, 0.3154,
0.3983

65.4166, 0.3133,
0.3413

56.5309, 0.3159,
0.4309

69.2335, 0.3120,
0.3173

54.3679, 0.3159,
0.4650

73.5034, 0.3107,
0.2964

52.5734, 0.3152,
0.4991

76.5823, 0.3146,
0.2891

■ 51.1265, 0.3138,
0.5311

■ 50.0040, 0.3115,
0.5586

■ 49.1801, 0.3087,
0.5795

■ 48.6246, 0.3055,
0.5924

■ 48.4290, 0.3041,
0.5967

Harmonies

Analogous

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



62.0353, 0.3389, 0.3735



62.0353, 0.3145, 0.3683



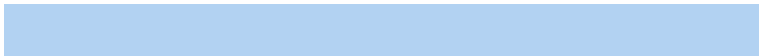
62.0353, 0.2903, 0.3512

Triad

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



62.0353, 0.3145, 0.3683



62.0353, 0.2701, 0.2916



62.0353, 0.3543, 0.3280

Complementary

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



62.0353, 0.3145, 0.3683



51.8675, 0.3104, 0.2918

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.



62.0353, 0.3346, 0.3081



62.0353, 0.3145, 0.3683



62.0353, 0.2859, 0.2874

Square

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



62.0353, 0.3145, 0.3683



62.0353, 0.2654, 0.3060



62.0353, 0.3093, 0.2935



62.0353, 0.3625, 0.3490

Rectangle

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



62.0353, 0.3145, 0.3683



62.0353, 0.2775, 0.3358



62.0353, 0.3093, 0.2935



62.0353, 0.3488, 0.3210

Sweetspot

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



62.0380, 0.3145, 0.3683



97.7624, 0.3132, 0.3389



63.1192, 0.3359, 0.3600



20.8377, 0.3133, 0.3408



0.0000, 0.0000, 0.0000



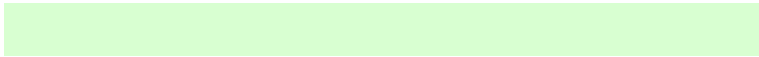
21.4041, 0.3127, 0.3290

Same Dimension

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



62.0380, 0.3145, 0.3683



90.7610, 0.3148, 0.3776



61.8806, 0.3038, 0.3552



13.9875, 0.3139, 0.3529



29.2955, 0.3047, 0.5962



1.7967, 0.3146, 0.5884

Inverse Universe

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



51.8675, 0.3104, 0.2918



72.8044, 0.3097, 0.2835



52.0761, 0.3229, 0.3042



12.5306, 0.3113, 0.3059



8.8949, 0.2822, 0.1328



0.5634, 0.2893, 0.1367

Previews

White Background



This preview shows how the Yxy color 62.0353, 0.3145, 0.3683 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 62.0353, 0.3145, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

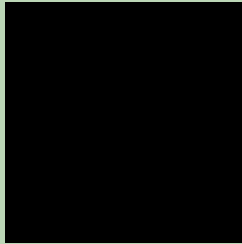
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

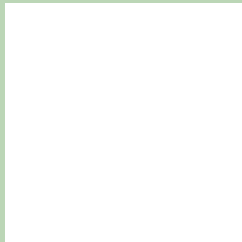
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.0353, 0.3145, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 62.0353, 0.3145, 0.3683.

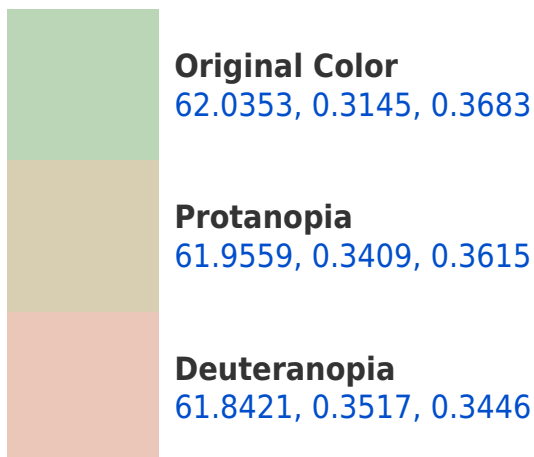


This preview shows how white text looks on a background with the Yxy color 62.0353, 0.3145, 0.3683.

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

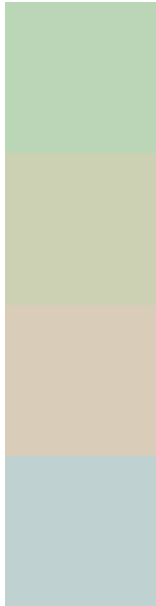




Tritanopia

62.0173, 0.2912, 0.3093

Trichromacy



Original Color

62.0353, 0.3145, 0.3683

Protanomaly

61.8347, 0.3309, 0.3646

Deuteranomaly

61.3981, 0.3376, 0.3521

Tritanomaly

61.7730, 0.2995, 0.3302

Monochromacy



Original Color

62.0353, 0.3145, 0.3683

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.9531, 0.3136, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0353, 0.3145, 0.3683 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(187, 214, 182)` looks like.

```
.text, #text, p{  
    color:rgb(187, 214, 182)  
}
```

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(187, 214, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 214, 182) }
```

Border

The CSS property to change the border of an element to Yxy 62.0353, 0.3145, 0.3683 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(187, 214, 182) }
```

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

```
.border{ border-color:rgb(187, 214, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 214, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 214, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 214, 182); box-shadow:4px 4px 4px 4px rgb(187, 214, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0353, 0.3145, 0.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 214, 182) }
```

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

```
.background{ background-color: rgb(187,  
214, 182) }
```

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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