

Converting Colors

$Yxy(62.1629, 0.3204, 0.3765)$

Have a look what the booklet for
Yxy(62.1629, 0.3204, 0.3765)
contains.

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Color

Yxy(62.0465, 0.3201, 0.3756)

Conversions

Conversions Part 1

Format	Color
Hex	BDD6B0
RGB	189, 214, 176
RGB Percent	74%, 84%, 69%
CMY	0.2586, 0.1608, 0.3098
CMYK	0.12, 0.00, 0.18, 0.16
HSL	99°, 32%, 76%
HSV	99°, 18%, 84%
XYZ	52.8783, 62.0465, 50.2682
YIQ	202.1930, -2.7020, -17.1180

Conversions

Conversions Part 2

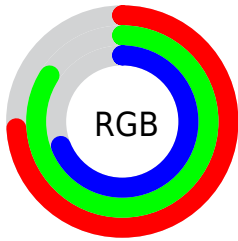
Format	Color
RYB	176, 214, 201
Decimal	12441264
CIELab	82.94, -15.23, 16.01
CIELCh	83, 22.094, 133.573
Yxy	62.0465, 0.3201, 0.3756
Android (android.graphics.Color)	4290631344 (0xFFBDD6B0)
YUV	202.1930, -12.9131, -11.5703
Hunter-Lab	78.7696, -18.0192, 17.3017

Details

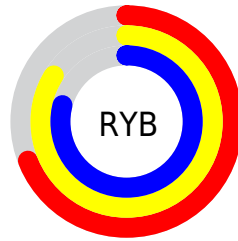
The Yxy color **62.0465, 0.3201, 0.3756** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.3213, 0.3039, 0.2838**, and the grayscale version is **59.2791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7587, 0.3198, 0.3517**, and **31.3772, 0.3215, 0.3885** is the 20% darker color. If you saturate the color by 10%, you get **59.5559, 0.3239, 0.4052**, and if you desaturate by 10%, it is **64.8502, 0.3160, 0.3484**.

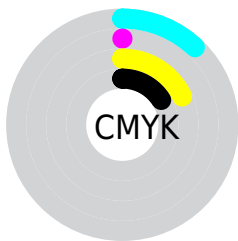
Distribution



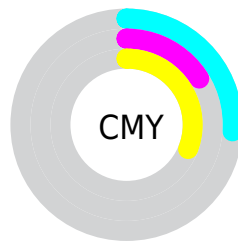
- Red (74%)
- Green (84%)
- Blue (69%)



- Red (69%)
- Yellow (84%)
- Blue (79%)



- Cyan (12%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)




- Cyan (26%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0465, 0.3201, 0.3756 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 62.0465, 0.3201, 0.3756 by changing the saturation by 10% instead.


 62.0465, 0.3201,
0.3756

 62.0465, 0.3201,
0.3756


432.1007, 0.3169,
0.3528

 45.0703, 0.3208,
0.3811


 107.7927, 0.3190,
0.3674

 31.5128, 0.3215,
0.3881

137.3315, 0.3186,
0.3644

 20.9896, 0.3225,
0.3973


171.8266, 0.3182,
0.3617

 13.1164, 0.3235,
0.4097

211.6625, 0.3179,
0.3594

 7.5088, 0.3246,
0.4276

257.2234, 0.3176,
0.3575

 3.7823, 0.3255,
0.4555

308.8938, 0.3173,

 1.5525, 0.3338,

0.3557

0.5190

367.0581, 0.3171,
0.3542

0.3253, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.0465, 0.3201,
0.3756

62.0465, 0.3201,
0.3756

59.5559, 0.3239,
0.4052

64.8502, 0.3160,
0.3484

57.3592, 0.3271,
0.4365

67.9696, 0.3118,
0.3237

55.4471, 0.3293,
0.4685

71.4173, 0.3076,
0.3016

53.8070, 0.3303,
0.4999

74.7700, 0.3077,
0.2882

■ 52.4250, 0.3298,
0.5287

■ 76.5695, 0.3146,
0.2891

■ 51.2857, 0.3275,
0.5532

■ 50.3719, 0.3237,
0.5718

■ 49.6614, 0.3186,
0.5839

■ 49.5232, 0.3175,
0.5861

Harmonies

Analogous

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



62.0465, 0.3466, 0.3783



62.0465, 0.3201, 0.3756



62.0465, 0.2924, 0.3585

Triad

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



62.0465, 0.3201, 0.3756



62.0465, 0.2631, 0.2893



62.0465, 0.3560, 0.3232

Complementary

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



62.0465, 0.3201, 0.3756



48.3213, 0.3039, 0.2838

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.



62.0465, 0.3319, 0.3019



62.0465, 0.3201, 0.3756



62.0465, 0.2784, 0.2825

Square

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



62.0465, 0.3201, 0.3756



62.0465, 0.2604, 0.3073



62.0465, 0.3034, 0.2873



62.0465, 0.3681, 0.3467

Rectangle

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



62.0465, 0.3201, 0.3756



62.0465, 0.2770, 0.3418



62.0465, 0.3034, 0.2873



62.0465, 0.3490, 0.3156

Sweetspot

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



62.0492, 0.3201, 0.3756



97.6520, 0.3149, 0.3414



59.0632, 0.3418, 0.3581



20.8330, 0.3152, 0.3432



0.0000, 0.0000, 0.0000



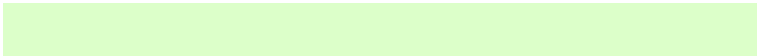
21.4041, 0.3127, 0.3290

Same Dimension

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



62.0492, 0.3201, 0.3756



90.9470, 0.3215, 0.3856



60.6862, 0.3067, 0.3696



14.1011, 0.3167, 0.3527



29.9878, 0.3185, 0.5853



1.8538, 0.3321, 0.5745

Inverse Universe

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



48.3213, 0.3039, 0.2838



67.1430, 0.3018, 0.2744



49.9186, 0.3194, 0.2916



12.4095, 0.3084, 0.3056



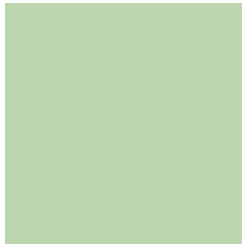
6.3935, 0.2365, 0.1077



0.4306, 0.2513, 0.1158

Previews

White Background



This preview shows how the Yxy color 62.0465, 0.3201, 0.3756 looks on a white background.

Color Contrast Check

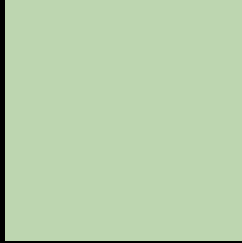
Large Text (above 18pt) WCAG AA × Fail

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 62.0465, 0.3201, 0.3756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

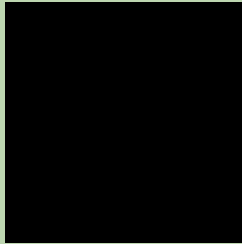
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

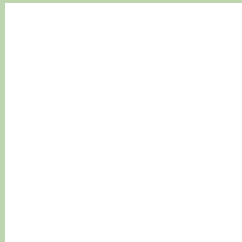
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.0465, 0.3201, 0.3756

Background



This preview shows how black text looks on a background with the Yxy color 62.0465, 0.3201, 0.3756.



This preview shows how white text looks on a background with the Yxy color 62.0465, 0.3201, 0.3756.

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

62.0465, 0.3201, 0.3756

Protanopia

62.0266, 0.3470, 0.3684

Deuteranopia

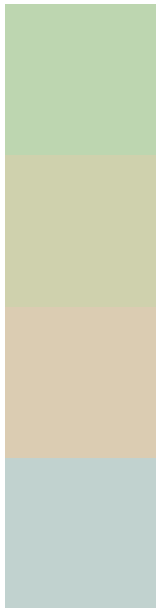
61.9344, 0.3581, 0.3512



Tritanopia

61.7432, 0.2932, 0.3093

Trichromacy



Original Color

62.0465, 0.3201, 0.3756

Protanomaly

61.8835, 0.3368, 0.3717

Deuteranomaly

61.4602, 0.3437, 0.3590

Tritanomaly

61.9356, 0.3023, 0.3325

Monochromacy



Original Color

62.0465, 0.3201, 0.3756

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.8632, 0.3150, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0465, 0.3201, 0.3756 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(189, 214, 176)` looks like.

```
.text, #text, p{  
    color:rgb(189, 214, 176)  
}
```

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(189, 214, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 214, 176) }
```

Border

The CSS property to change the border of an element to Yxy 62.0465, 0.3201, 0.3756 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(189, 214, 176) }
```

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

```
.border{ border-color:rgb(189, 214, 176) }
```

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

Here you see how a box with a 4 pixel rgb(189, 214, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 214, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 214, 176);  
box-shadow:4px 4px 4px 4px rgb(189, 214,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0465, 0.3201, 0.3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 214, 176) }
```

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

```
.background{ background-color: rgb(189,  
214, 176) }
```

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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