

# Converting Colors

$Yxy(60.9605, 0.3231, 0.3759)$

Have a look what the booklet for  
Yxy(60.9605, 0.3231, 0.3759)  
contains.

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# Color

**Yxy(61.0901, 0.3224, 0.3757)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BED4AE
RGB	190, 212, 174
RGB Percent	75%, 83%, 68%
CMY	0.2549, 0.1686, 0.3175
CMYK	0.10, 0.00, 0.18, 0.17
HSL	95°, 31%, 76%
HSV	95°, 18%, 83%
XYZ	52.4233, 61.0901, 49.0900
YIQ	201.0900, -0.9140, -16.4820

# Conversions

## Conversions Part 2

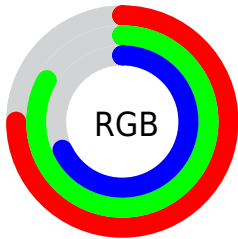
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 212, 196
Decimal	12506286
CIELab	82.43, -14.21, 16.34
CIELCh	82, 21.657, 131.004
Yxy	61.0901, 0.3224, 0.3757
Android (android.graphics.Color)	4290696366 (0xFFBED4AE)
YUV	201.0900, -13.3554, -9.7259
Hunter-Lab	78.1602, -17.0573, 17.4739

# Details

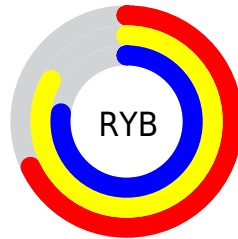
The Yxy color **61.0901, 0.3224, 0.3757** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.7778, 0.3013, 0.2830**, and the grayscale version is **58.5560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8260, 0.3216, 0.3537**, and **30.7287, 0.3246, 0.3887** is the 20% darker color. If you saturate the color by 10%, you get **58.8147, 0.3274, 0.4048**, and if you desaturate by 10%, it is **63.6345, 0.3170, 0.3487**.

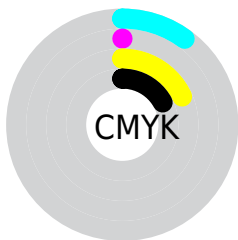
# Distribution



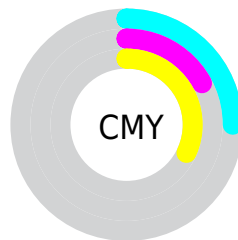
- Red (75%)
- Green (83%)
- Blue (68%)



- Red (68%)
- Yellow (83%)
- Blue (77%)



- Cyan (10%)
- Magenta (0%)
- Yellow (18%)
- Black (17%)



- Cyan (25%)
- Magenta (17%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0901, 0.3224, 0.3757 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 61.0901, 0.3224, 0.3757 by changing the saturation by 10% instead.



■ 61.0901, 0.3224,  
0.3757

■ 61.0901, 0.3224,  
0.3757

428.6043, 0.3181,  
0.3528

■ 44.2979, 0.3233,  
0.3813

■ 106.4094, 0.3209,  
0.3675

■ 30.9048, 0.3244,  
0.3883

135.7052, 0.3204,  
0.3644

■ 20.5263, 0.3258,  
0.3975

169.9378, 0.3199,  
0.3618

■ 12.7782, 0.3274,  
0.4101

209.4914, 0.3194,  
0.3595

■ 7.2760, 0.3294,  
0.4281

254.7504, 0.3190,  
0.3575

■ 3.6353, 0.3314,  
0.4563

306.0993, 0.3187,

■ 1.4717, 0.3460,

0.3558

0.5268

363.9225, 0.3184,  
0.3542

0.2687, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

61.0901, 0.3224,  
0.3757

61.0901, 0.3224,  
0.3757

58.8147, 0.3274,  
0.4048

63.6345, 0.3170,  
0.3487

56.7910, 0.3319,  
0.4353


66.4489, 0.3116,  
0.3240

55.0116, 0.3353,  
0.4663

69.5442, 0.3062,  
0.3018

53.4658, 0.3373,  
0.4964

72.6791, 0.3035,  
0.2856


 52.1420, 0.3375,  
0.5241

 74.8907, 0.3121,  
0.2867

 51.0272, 0.3359,  
0.5475

 75.5667, 0.3147,  
0.2871

 50.1066, 0.3322,  
0.5654

 49.3608, 0.3270,  
0.5773

 49.2214, 0.3259,  
0.5794

# Harmonies

## Analogous

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



61.0901, 0.3481, 0.3771



61.0901, 0.3224, 0.3757



61.0901, 0.2949, 0.3600

# Triad

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



61.0901, 0.3224, 0.3757



61.0901, 0.2630, 0.2910



61.0901, 0.3537, 0.3214

# Complementary

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



61.0901, 0.3224, 0.3757



46.7778, 0.3013, 0.2830

# 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.



61.0901, 0.3293, 0.3007



61.0901, 0.3224, 0.3757



61.0901, 0.2772, 0.2833

# Square

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



61.0901, 0.3224, 0.3757



61.0901, 0.2615, 0.3095



61.0901, 0.3012, 0.2870



61.0901, 0.3668, 0.3446



# Rectangle

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



61.0901, 0.3224, 0.3757



61.0901, 0.2793, 0.3438



61.0901, 0.3012, 0.2870



61.0901, 0.3465, 0.3140

# Sweetspot

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



61.0927, 0.3224, 0.3757



97.8321, 0.3155, 0.3414



56.3306, 0.3427, 0.3547



20.8767, 0.3159, 0.3432



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

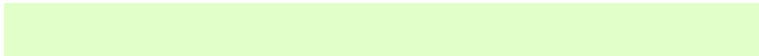


# Same Dimension

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



61.0927, 0.3224, 0.3757



91.6033, 0.3241, 0.3851



59.2464, 0.3088, 0.3741



14.1488, 0.3179, 0.3527



30.4431, 0.3269, 0.5786



1.8843, 0.3407, 0.5677



# Inverse Universe

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



46.7778, 0.3013, 0.2830



66.4369, 0.2988, 0.2739



48.9093, 0.3168, 0.2877



12.3603, 0.3071, 0.3055



5.5843, 0.2191, 0.0981



0.3850, 0.2363, 0.1075



# Previews

## White Background



This preview shows how the Yxy color 61.0901, 0.3224, 0.3757 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 61.0901, 0.3224, 0.3757 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

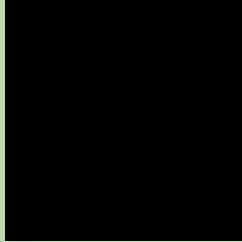
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

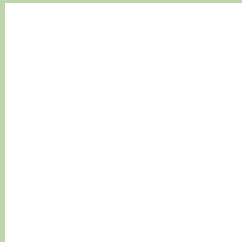
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 61.0901, 0.3224, 0.3757**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.0901, 0.3224, 0.3757.



This preview shows how white text looks on a background with the Yxy color 61.0901, 0.3224, 0.3757.

# 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

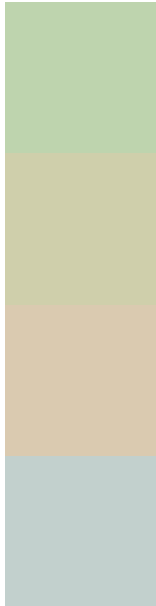




## Tritanopia

60.8069, 0.2952, 0.3092

# Trichromacy



**Original Color**

61.0901, 0.3224, 0.3757

**Protanomaly**

60.8313, 0.3387, 0.3719

**Deuteranomaly**

60.2811, 0.3449, 0.3592

**Tritanomaly**

60.9889, 0.3044, 0.3325

# Monochromacy



**Original Color**

61.0901, 0.3224, 0.3757

**Achromatopsia**

58.4078, 0.3127, 0.3290

**Achromatomaly**

59.2945, 0.3165, 0.3459

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.0901, 0.3224, 0.3757 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, 212, 174)` looks like.

```
.text, #text, p{  
    color:rgb(190, 212, 174)  
}
```

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, 212, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 212, 174) }
```

## Border

The CSS property to change the border of an element to Yxy 61.0901, 0.3224, 0.3757 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, 212, 174) }
```

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

```
.border{ border-color:rgb(190, 212, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 212, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 212, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 212, 174);  
box-shadow:4px 4px 4px 4px rgb(190, 212,  
174) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.0901, 0.3224, 0.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 212, 174) }
```

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

```
.background{ background-color: rgb(190,  
212, 174) }
```

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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