

Converting Colors

$Yxy(75.8245, 0.3060, 0.3757)$

Have a look what the booklet for
Yxy(75.8245, 0.3060, 0.3757)
contains.

Yxy(75.5467, 0.3060, 0.3753)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.5467, 0.3060, 0.3753)

Conversions

Conversions Part 1

Format	Color
Hex	BEEDC5
RGB	190, 237, 197
RGB Percent	75%, 93%, 77%
CMY	0.2549, 0.0706, 0.2275
CMYK	0.20, 0.00, 0.17, 0.07
HSL	129°, 57%, 84%
HSV	129°, 20%, 93%
XYZ	61.5968, 75.5467, 64.1533
YIQ	218.3870, -15.1720, -22.4040

Conversions

Conversions Part 2

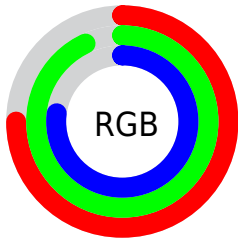
Format	Color
R _{YB}	190, 231, 237
Decimal	12512709
CIE Lab	89.65, -22.69, 14.48
CIE LCh	90, 26.920, 147.449
Yxy	75.5467, 0.3060, 0.3753
Android (android.graphics.Color)	4290702789 (0xFFBEEDC5)
YUV	218.3870, -10.5438, -24.8954
Hunter-Lab	86.9176, -25.6063, 17.0808

Details

The Yxy color **75.5467, 0.3060, 0.3753** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.5476, 0.3202, 0.2867**, and the grayscale version is **70.4757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4499, 0.3084, 0.3300**, and **40.2652, 0.3042, 0.3872** is the 20% darker color. If you saturate the color by 10%, you get **71.8782, 0.3027, 0.4029**, and if you desaturate by 10%, it is **79.8416, 0.3094, 0.3505**.

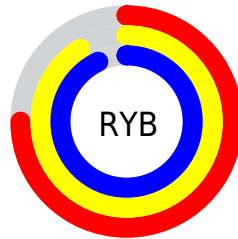
Distribution



Red (75%)

Green (93%)

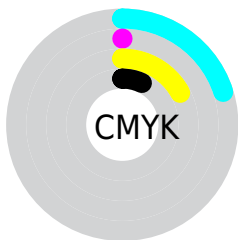
Blue (77%)



Red (75%)

Yellow (91%)

Blue (93%)

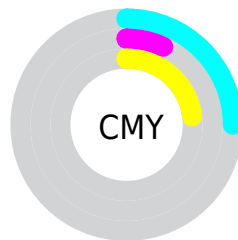


Cyan (20%)

Magenta (0%)

Yellow (17%)

Black (7%)



Cyan (25%)

Magenta (7%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.5467, 0.3060, 0.3753 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 75.5467, 0.3060, 0.3753 by changing the saturation by 10% instead.


 75.5467, 0.3060,
0.3753

 75.5467, 0.3060,
0.3753

479.7945, 0.3094,
0.3533

 56.0609, 0.3051,
0.3805


 127.0859, 0.3073,
0.3676

 40.2517, 0.3040,
0.3869


159.9082, 0.3077,
0.3646

 27.7349, 0.3025,
0.3952


197.9446, 0.3081,
0.3620

 18.1259, 0.3005,
0.4062

241.5797, 0.3085,
0.3598

 11.0404, 0.2974,
0.4216

291.1979, 0.3088,
0.3579

 6.0940, 0.2925,
0.4445


347.1835, 0.3090,

 2.9023, 0.2837,

0.3562

0.4820


409.9209, 0.3092,
0.3547


 1.0810, 0.2725,
0.6386

 0.0000, 0.0000,
0.0000


 75.5467, 0.3060,
0.3753


 75.5467, 0.3060,
0.3753


 71.8782, 0.3027,
0.4029


 79.8416, 0.3094,
0.3505

 68.7977, 0.2995,
0.4329

 84.7802, 0.3128,
0.3287

 66.2773, 0.2969,
0.4646

 89.0515, 0.3135,
0.3117

 64.2828, 0.2950,
0.4965

■ 62.7767, 0.2940,
0.5267

■ 61.7159, 0.2941,
0.5534

■ 61.0501, 0.2952,
0.5745

■ 60.6989, 0.2970,
0.5891

■ 60.6943, 0.2970,
0.5893

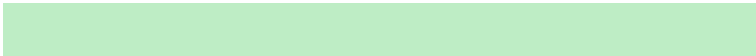
Harmonies

Analogous

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



75.5467, 0.3379, 0.3862



75.5467, 0.3060, 0.3753



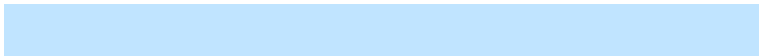
75.5467, 0.2769, 0.3497

Triad

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



75.5467, 0.3060, 0.3753



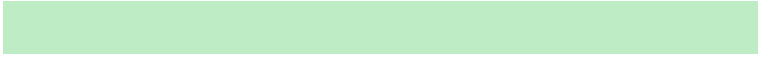
75.5467, 0.2628, 0.2786



75.5467, 0.3707, 0.3345

Complementary

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



75.5467, 0.3060, 0.3753



60.5476, 0.3202, 0.2867

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.



75.5467, 0.3485, 0.3087



75.5467, 0.3060, 0.3753



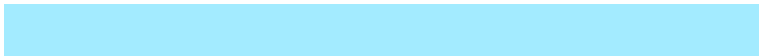
75.5467, 0.2857, 0.2773

Square

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



75.5467, 0.3060, 0.3753



75.5467, 0.2529, 0.2932



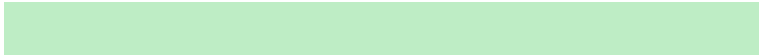
75.5467, 0.3170, 0.2882



75.5467, 0.3763, 0.3604

Rectangle

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



75.5467, 0.3060, 0.3753



75.5467, 0.2628, 0.3291



75.5467, 0.3170, 0.2882



75.5467, 0.3649, 0.3256

Sweetspot

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



75.5499, 0.3060, 0.3753



96.4021, 0.3107, 0.3419



81.2347, 0.3381, 0.3791



20.5538, 0.3105, 0.3433



0.0000, 0.0000, 0.0000



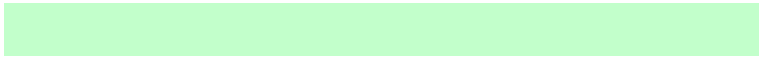
21.4041, 0.3127, 0.3290

Same Dimension

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



75.5499, 0.3060, 0.3753



87.2700, 0.3046, 0.3867



76.6742, 0.2927, 0.3485



16.8987, 0.3095, 0.3497



33.1469, 0.2965, 0.5874



2.6141, 0.2906, 0.5660

Inverse Universe

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



60.5476, 0.3202, 0.2867



66.4022, 0.3221, 0.2774



59.3502, 0.3380, 0.3104



15.2730, 0.3161, 0.3092



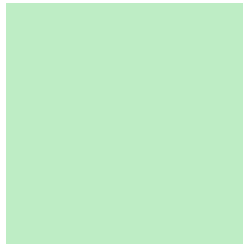
12.1671, 0.3624, 0.1770



0.9659, 0.3557, 0.1733

Previews

White Background



This preview shows how the Yxy color 75.5467, 0.3060, 0.3753 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 75.5467, 0.3060, 0.3753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

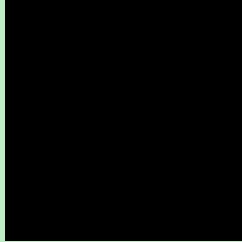
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

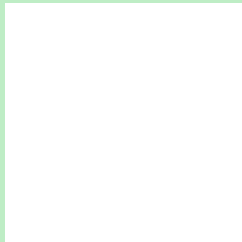
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5467, 0.3060, 0.3753

Background



This preview shows how black text looks on a background with the Yxy color 75.5467, 0.3060, 0.3753.

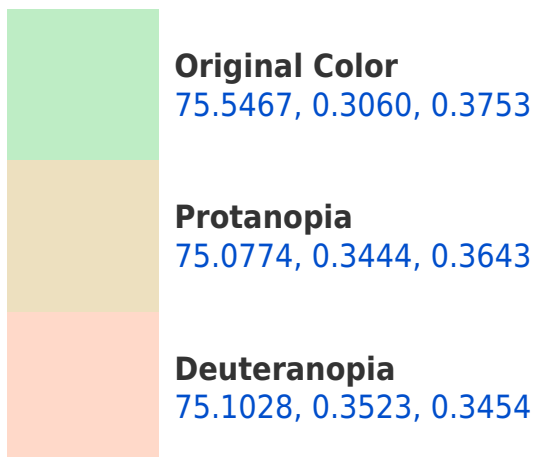


This preview shows how white text looks on a background with the Yxy color 75.5467, 0.3060, 0.3753.

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

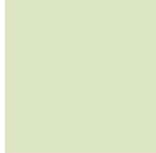
75.5131, 0.2819, 0.3094

Trichromacy



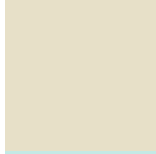
Original Color

75.5467, 0.3060, 0.3753



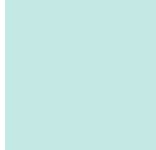
Protanomaly

75.1045, 0.3297, 0.3687



Deuteranomaly

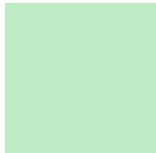
74.4704, 0.3338, 0.3549



Tritanomaly

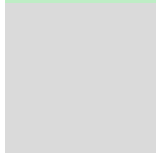
75.6707, 0.2910, 0.3334

Monochromacy



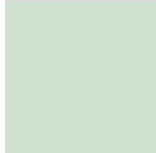
Original Color

75.5467, 0.3060, 0.3753



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

71.9135, 0.3105, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5467, 0.3060, 0.3753 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, 237, 197)` looks like.

```
.text, #text, p{  
    color:rgb(190, 237, 197)  
}
```

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, 237, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 237, 197) }
```

Border

The CSS property to change the border of an element to Yxy 75.5467, 0.3060, 0.3753 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, 237, 197) }
```

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

```
.border{ border-color:rgb(190, 237, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 237, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 237, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 237, 197);  
box-shadow:4px 4px 4px 4px rgb(190, 237,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5467, 0.3060, 0.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 237, 197) }
```

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

```
.background{ background-color: rgb(190,  
237, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor