

Converting Colors

$Yxy(67.7267, 0.3142, 0.3774)$

Have a look what the booklet for
Yxy(67.7267, 0.3142, 0.3774)
contains.

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Color

Yxy(67.5908, 0.3139, 0.3769)

Conversions

Conversions Part 1

Format	Color
Hex	BDE0B8
RGB	189, 224, 184
RGB Percent	74%, 88%, 72%
CMY	0.2589, 0.1215, 0.2783
CMYK	0.16, 0.00, 0.18, 0.12
HSL	113°, 39%, 80%
HSV	113°, 18%, 88%
XYZ	56.2928, 67.5908, 55.4499
YIQ	208.9750, -8.0200, -19.8600

Conversions

Conversions Part 2

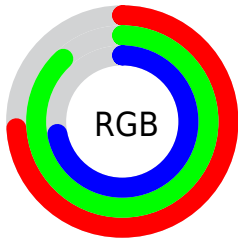
Format	Color
RYB	184, 224, 219
Decimal	12443832
CIELab	85.80, -18.90, 15.81
CIELCh	86, 24.641, 140.101
Yxy	67.5908, 0.3139, 0.3769
Android (android.graphics.Color)	4290633912 (0xFFBDE0B8)
YUV	208.9750, -12.3127, -17.5181
Hunter-Lab	82.2136, -21.6525, 17.5607

Details

The Yxy color **67.5908, 0.3139, 0.3769** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **54.7530, 0.3108, 0.2844**, and the grayscale version is **63.8299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4041, 0.3158, 0.3437**, and **35.1655, 0.3134, 0.3898** is the 20% darker color. If you saturate the color by 10%, you get **64.3841, 0.3142, 0.4080**, and if you desaturate by 10%, it is **71.2920, 0.3133, 0.3488**.

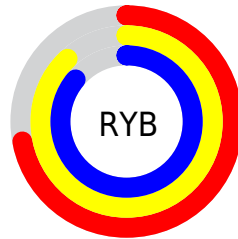
Distribution



Red (74%)

Green (88%)

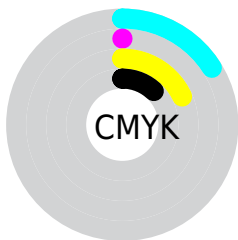
Blue (72%)



Red (72%)

Yellow (88%)

Blue (86%)

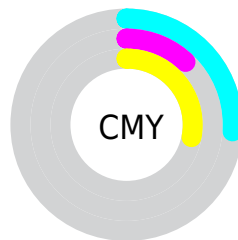


Cyan (16%)

Magenta (0%)

Yellow (18%)

Black (12%)



Cyan (26%)


Magenta (12%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.5908, 0.3139, 0.3769 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 67.5908, 0.3139, 0.3769 by changing the saturation by 10% instead.

 67.5908, 0.3139,
0.3769

 67.5908, 0.3139,
0.3769


452.0448, 0.3137,
0.3538

 49.5649, 0.3139,
0.3824


 115.7666, 0.3139,
0.3687

 35.0678, 0.3137,
0.3894


146.6852, 0.3139,
0.3655

 23.7151, 0.3135,
0.3985

182.6702, 0.3139,
0.3628

 15.1224, 0.3130,
0.4107

224.1060, 0.3138,
0.3605

 8.9054, 0.3120,
0.4281

271.3770, 0.3138,
0.3585

 4.6795, 0.3099,
0.4546

324.8675, 0.3138,

 2.0605, 0.3049,

0.3567

0.5007

384.9620, 0.3137,
0.3552

0.6423, 0.1883,
0.8117

0.0000, 0.0000,
0.0000

67.5908, 0.3139,
0.3769

67.5908, 0.3139,
0.3769

64.3841, 0.3142,
0.4080

71.2920, 0.3133,
0.3488

61.6426, 0.3142,
0.4415

75.4983, 0.3125,
0.3239

59.3473, 0.3136,
0.4763

80.2310, 0.3117,
0.3021

57.4743, 0.3125,
0.5105

81.7952, 0.3141,
0.2989

■ 55.9977, 0.3107,
0.5417

■ 54.8883, 0.3085,
0.5675

■ 54.1131, 0.3058,
0.5858

■ 53.6312, 0.3032,
0.5962

■ 53.5573, 0.3028,
0.5978

Harmonies

Analogous

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



67.5908, 0.3436, 0.3833



67.5908, 0.3139, 0.3769



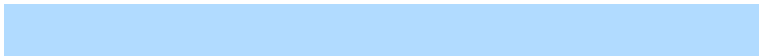
67.5908, 0.2848, 0.3555

Triad

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



67.5908, 0.3139, 0.3769



67.5908, 0.2616, 0.2834



67.5908, 0.3639, 0.3281

Complementary

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



67.5908, 0.3139, 0.3769



54.7530, 0.3108, 0.2844

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.



67.5908, 0.3399, 0.3043



67.5908, 0.3139, 0.3769



67.5908, 0.2807, 0.2789

Square

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



67.5908, 0.3139, 0.3769



67.5908, 0.2556, 0.3002



67.5908, 0.3092, 0.2866



67.5908, 0.3734, 0.3533

Rectangle

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



67.5908, 0.3139, 0.3769



67.5908, 0.2696, 0.3364



67.5908, 0.3092, 0.2866



67.5908, 0.3572, 0.3198

Sweetspot

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



67.5937, 0.3139, 0.3769



97.1475, 0.3131, 0.3415



69.8066, 0.3404, 0.3676



20.7108, 0.3132, 0.3433



0.0000, 0.0000, 0.0000



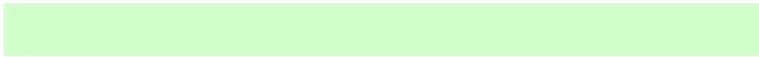
21.4041, 0.3127, 0.3290

Same Dimension

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



67.5937, 0.3139, 0.3769



89.1769, 0.3140, 0.3869



67.6205, 0.3013, 0.3592



15.4179, 0.3134, 0.3531



31.1985, 0.3033, 0.5974



2.1895, 0.3107, 0.5915

Inverse Universe

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



54.7530, 0.3108, 0.2844



69.2311, 0.3103, 0.2758



54.7687, 0.3263, 0.3006



13.8453, 0.3118, 0.3058



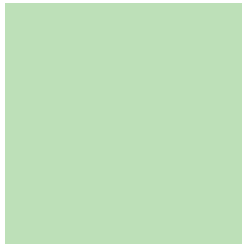
10.0252, 0.2901, 0.1372



0.7193, 0.2951, 0.1399

Previews

White Background



This preview shows how the Yxy color 67.5908, 0.3139, 0.3769 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 67.5908, 0.3139, 0.3769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

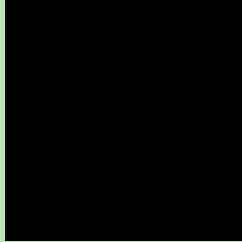
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

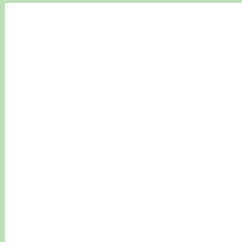
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.5908, 0.3139, 0.3769

Background



This preview shows how black text looks on a background with the Yxy color 67.5908, 0.3139, 0.3769.

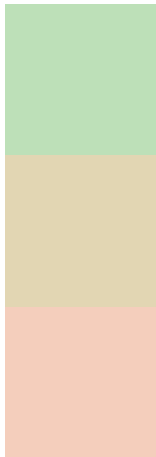


This preview shows how white text looks on a background with the Yxy color 67.5908, 0.3139, 0.3769.

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

67.5908, 0.3139, 0.3769

Protanopia

67.5166, 0.3465, 0.3681

Deuteranopia

67.0066, 0.3559, 0.3483



Tritanopia

67.4365, 0.2880, 0.3098

Trichromacy



Original Color

67.5908, 0.3139, 0.3769

Protanomaly

67.6251, 0.3343, 0.3715

Deuteranomaly

67.0236, 0.3394, 0.3582

Tritanomaly

67.6136, 0.2972, 0.3336

Monochromacy



Original Color

67.5908, 0.3139, 0.3769

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.8198, 0.3134, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5908, 0.3139, 0.3769 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, 224, 184)` looks like.

```
.text, #text, p{  
    color:rgb(189, 224, 184)  
}
```

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, 224, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 224, 184) }
```

Border

The CSS property to change the border of an element to Yxy 67.5908, 0.3139, 0.3769 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, 224, 184) }
```

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

```
.border{ border-color:rgb(189, 224, 184) }
```

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

Here you see how a box with a 4 pixel rgb(189, 224, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 224, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 224, 184);  
box-shadow:4px 4px 4px 4px rgb(189, 224,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5908, 0.3139, 0.3769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 224, 184) }
```

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

```
.background{ background-color: rgb(189,  
224, 184) }
```

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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