

Converting Colors

$Yxy(66.1869, 0.3087, 0.3674)$

Have a look what the booklet for
Yxy(66.1869, 0.3087, 0.3674)
contains.

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Color

Yxy(66.3994, 0.3081, 0.3675)

Conversions

Conversions Part 1

Format	Color
Hex	BADEBE
RGB	186, 222, 190
RGB Percent	73%, 87%, 75%
CMY	0.2706, 0.1294, 0.2548
CMYK	0.16, 0.00, 0.14, 0.13
HSL	127°, 35%, 80%
HSV	127°, 16%, 87%
XYZ	55.6671, 66.3994, 58.6122
YIQ	207.5880, -11.1840, -17.5840

Conversions

Conversions Part 2

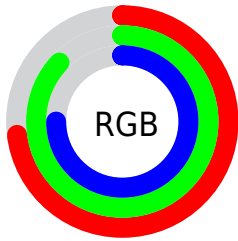
Format	Color
RYB	186, 218, 222
Decimal	12246718
CIELab	85.20, -17.87, 11.79
CIELCh	85, 21.409, 146.591
Yxy	66.3994, 0.3081, 0.3675
Android (android.graphics.Color)	4290436798 (0xFFBADEBE)
YUV	207.5880, -8.6709, -18.9327
Hunter-Lab	81.4858, -20.6578, 14.3932

Details

The Yxy color **66.3994, 0.3081, 0.3675** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **55.7082, 0.3177, 0.2933**, and the grayscale version is **62.8610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0511, 0.3098, 0.3378**, and **34.3491, 0.3059, 0.3773** is the 20% darker color. If you saturate the color by 10%, you get **63.0295, 0.3052, 0.3952**, and if you desaturate by 10%, it is **70.3235, 0.3110, 0.3428**.

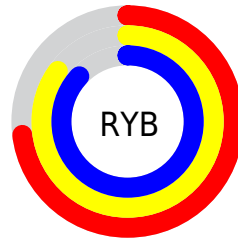
Distribution



Red (73%)

Green (87%)

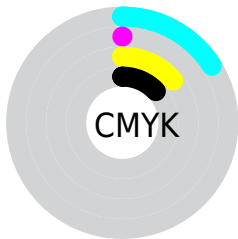
Blue (75%)



Red (73%)

Yellow (85%)

Blue (87%)

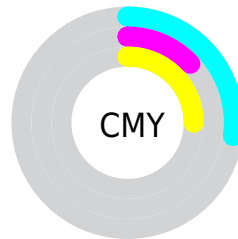


Cyan (16%)

Magenta (0%)

Yellow (14%)

Black (13%)



Cyan (27%)

Magenta (13%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3994, 0.3081, 0.3675 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 66.3994, 0.3081, 0.3675 by changing the saturation by 10% instead.

■ 66.3994, 0.3081,
0.3675

■ 66.3994, 0.3081,
0.3675

447.8039, 0.3105,
0.3489

■ 48.5967, 0.3075,
0.3720

■ 114.0594, 0.3090,
0.3609

■ 34.2997, 0.3067,
0.3776

144.6855, 0.3093,
0.3584

■ 23.1239, 0.3056,
0.3849

180.3548, 0.3096,
0.3562

■ 14.6850, 0.3040,
0.3948

221.4518, 0.3098,
0.3543

■ 8.5986, 0.3016,
0.4088

268.3608, 0.3100,
0.3527

■ 4.4803, 0.2976,
0.4304

321.4662, 0.3102,


■ 1.9457, 0.2898,


0.3513


0.4677


381.1524, 0.3104,
0.3500


 0.5756, 0.1615,
0.8385


 0.0000, 0.0000,
0.0000


 66.3994, 0.3081,
0.3675


 66.3994, 0.3081,
0.3675


 63.0295, 0.3052,
0.3952


 70.3235, 0.3110,
0.3428

 60.1808, 0.3024,
0.4256

 74.8165, 0.3137,
0.3212

 57.8299, 0.2999,
0.4579

 79.9026, 0.3164,
0.3023

 55.9478, 0.2978,
0.4908

 80.7243, 0.3142,
0.2970

■ 54.5031, 0.2965,
0.5224

■ 53.4601, 0.2960,
0.5506

■ 52.7774, 0.2965,
0.5732

■ 52.4044, 0.2977,
0.5888

■ 52.3138, 0.2980,
0.5929

Harmonies

Analogous

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



66.3994, 0.3346, 0.3763



66.3994, 0.3081, 0.3675



66.3994, 0.2836, 0.3469

Triad

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



66.3994, 0.3081, 0.3675



66.3994, 0.2706, 0.2872



66.3994, 0.3604, 0.3333

Complementary

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



66.3994, 0.3081, 0.3675



55.7082, 0.3177, 0.2933

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.



66.3994, 0.3418, 0.3115



66.3994, 0.3081, 0.3675



66.3994, 0.2897, 0.2855

Square

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



66.3994, 0.3081, 0.3675



66.3994, 0.2626, 0.2999



66.3994, 0.3156, 0.2944



66.3994, 0.3655, 0.3550

Rectangle

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



66.3994, 0.3081, 0.3675



66.3994, 0.2715, 0.3300



66.3994, 0.3156, 0.2944



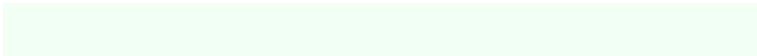
66.3994, 0.3554, 0.3258

Sweetspot

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



66.4022, 0.3081, 0.3675



96.9535, 0.3113, 0.3401



70.7571, 0.3343, 0.3695



20.6638, 0.3111, 0.3417



0.0000, 0.0000, 0.0000



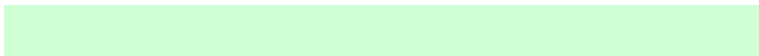
21.4041, 0.3127, 0.3290

Same Dimension

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



66.4022, 0.3081, 0.3675



89.4726, 0.3072, 0.3753



67.2178, 0.2970, 0.3460



15.3621, 0.3101, 0.3505



31.0805, 0.2977, 0.5915



2.1628, 0.2922, 0.5717

Inverse Universe

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



55.7082, 0.3177, 0.2933



72.5437, 0.3187, 0.2867



54.8365, 0.3316, 0.3126



13.9078, 0.3155, 0.3084



11.6336, 0.3512, 0.1708



0.8140, 0.3459, 0.1679

Previews

White Background



This preview shows how the Yxy color 66.3994, 0.3081, 0.3675 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 66.3994, 0.3081, 0.3675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

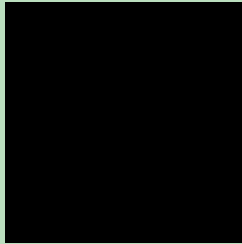
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

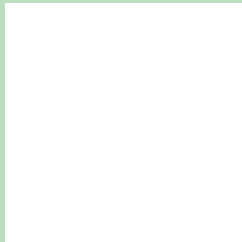
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3994, 0.3081, 0.3675

Background



This preview shows how black text looks on a background with the Yxy color 66.3994, 0.3081, 0.3675.

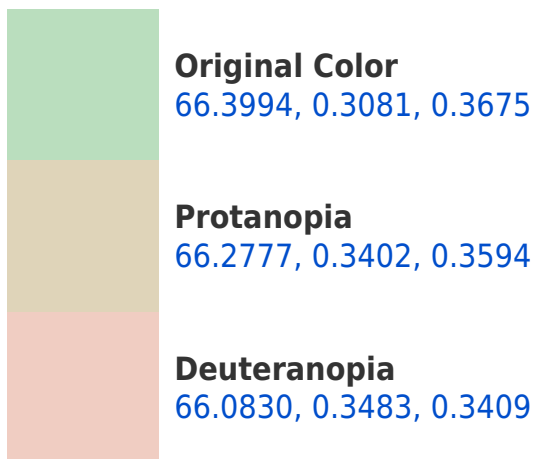


This preview shows how white text looks on a background with the Yxy color 66.3994, 0.3081, 0.3675.

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

66.3324, 0.2859, 0.3096

Trichromacy



Original Color

66.3994, 0.3081, 0.3675

Protanomaly

66.4012, 0.3281, 0.3625

Deuteranomaly

65.6544, 0.3322, 0.3494

Tritanomaly

66.0997, 0.2938, 0.3301

Monochromacy



Original Color

66.3994, 0.3081, 0.3675

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.0849, 0.3113, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3994, 0.3081, 0.3675 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(186, 222, 190)` looks like.

```
.text, #text, p{  
    color:rgb(186, 222, 190)  
}
```

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(186, 222, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 222, 190) }
```

Border

The CSS property to change the border of an element to Yxy 66.3994, 0.3081, 0.3675 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(186, 222, 190) }
```

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

```
.border{ border-color:rgb(186, 222, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 222, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 222, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 222, 190);  
box-shadow:4px 4px 4px 4px rgb(186, 222,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3994, 0.3081, 0.3675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 222, 190) }
```

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

```
.background{ background-color: rgb(186,  
222, 190) }
```

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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