

Converting Colors

Yxy(67.4892, 0.3019, 0.3679)

Have a look what the booklet for
Yxy(67.4892, 0.3019, 0.3679)
contains.

Yxy(67.4040, 0.3021, 0.3677)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(67.4040, 0.3021, 0.3677)

Conversions

Conversions Part 1

Format	Color
Hex	B4E1C1
RGB	180, 225, 193
RGB Percent	71%, 88%, 76%
CMY	0.2939, 0.1177, 0.2432
CMYK	0.20, 0.00, 0.14, 0.12
HSL	137°, 43%, 79%
HSV	137°, 20%, 88%
XYZ	55.3787, 67.4040, 60.5298
YIQ	207.8970, -16.5480, -19.4920

Conversions

Conversions Part 2

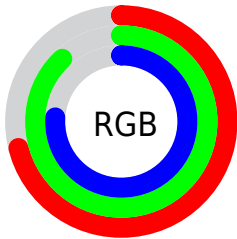
Format	Color
RYB	180, 215, 225
Decimal	11854273
CIELab	85.71, -20.78, 10.91
CIELCh	86, 23.473, 152.308
Yxy	67.4040, 0.3021, 0.3677
Android (android.graphics.Color)	4290044353 (0xFFB4E1C1)
YUV	207.8970, -7.3442, -24.4657
Hunter-Lab	82.0999, -23.2717, 13.7572

Details

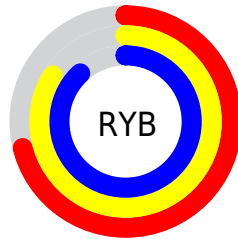
The Yxy color **67.4040, 0.3021, 0.3677** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **53.4246, 0.3253, 0.2932**, and the grayscale version is **63.0685, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1924, 0.3045, 0.3349**, and **35.1256, 0.2999, 0.3791** is the 20% darker color. If you saturate the color by 10%, you get **64.2443, 0.2971, 0.3905**, and if you desaturate by 10%, it is **71.0852, 0.3074, 0.3472**.

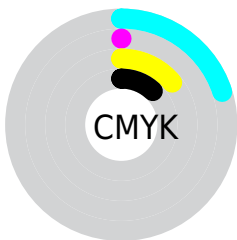
Distribution



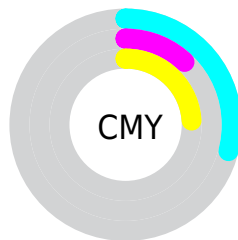
- Red (71%)
- Green (88%)
- Blue (76%)



- Red (71%)
- Yellow (84%)
- Blue (88%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (12%)





- Cyan (29%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.4040, 0.3021, 0.3677 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 67.4040, 0.3021, 0.3677 by changing the saturation by 10% instead.

 67.4040, 0.3021,
0.3677

 67.4040, 0.3021,
0.3677


451.3815, 0.3073,
0.3490

 49.4130, 0.3008,
0.3722


 115.4991, 0.3040,
0.3611

 34.9472, 0.2992,
0.3778


146.3720, 0.3047,
0.3585

 23.6222, 0.2971,
0.3851


182.3077, 0.3053,
0.3564

 15.0536, 0.2941,
0.3950

223.6906, 0.3058,
0.3545

 8.8570, 0.2899,
0.4091

270.9050, 0.3063,
0.3529

 4.6480, 0.2831,
0.4306


324.3353, 0.3067,

 2.0423, 0.2710,


0.3514


0.4677


384.3660, 0.3070,
0.3502

 0.6319, 0.1285,
0.8715


 0.0000, 0.0000,
0.0000


 67.4040, 0.3021,
0.3677

 67.4040, 0.3021,
0.3677


 64.2443, 0.2971,
0.3905


 71.0852, 0.3074,
0.3472

 61.5741, 0.2925,
0.4155

 75.3015, 0.3127,
0.3290

 59.3707, 0.2887,
0.4420

 80.0764, 0.3180,
0.3130

 57.6064, 0.2861,
0.4695

 82.3288, 0.3141,
0.2999

■ 56.2503, 0.2848,
0.4968

■ 55.2675, 0.2851,
0.5225

■ 54.6167, 0.2871,
0.5454

■ 54.2281, 0.2901,
0.5645

■ 54.2274, 0.2901,
0.5645

Harmonies

Analogous

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



67.4040, 0.3312, 0.3801



67.4040, 0.3021, 0.3677



67.4040, 0.2767, 0.3434

Triad

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



67.4040, 0.3021, 0.3677



67.4040, 0.2700, 0.2822



67.4040, 0.3671, 0.3382

Complementary

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



67.4040, 0.3021, 0.3677



53.4246, 0.3253, 0.2932

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.



67.4040, 0.3492, 0.3142



67.4040, 0.3021, 0.3677



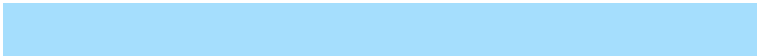
67.4040, 0.2925, 0.2828

Square

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



67.4040, 0.3021, 0.3677



67.4040, 0.2588, 0.2937



67.4040, 0.3215, 0.2944



67.4040, 0.3695, 0.3611

Rectangle

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



67.4040, 0.3021, 0.3677



67.4040, 0.2650, 0.3247



67.4040, 0.3215, 0.2944



67.4040, 0.3627, 0.3300

Sweetspot

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



67.4068, 0.3021, 0.3677



96.5306, 0.3095, 0.3397



71.1818, 0.3332, 0.3802



20.5841, 0.3091, 0.3410



0.0000, 0.0000, 0.0000



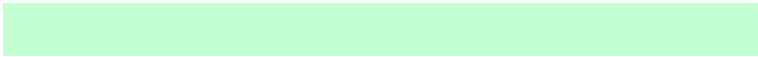
21.4041, 0.3127, 0.3290

Same Dimension

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



67.4068, 0.3021, 0.3677



87.6865, 0.2999, 0.3770



68.4771, 0.2886, 0.3404



15.4018, 0.3077, 0.3461



31.2668, 0.2894, 0.5619



2.1824, 0.2808, 0.5309

Inverse Universe

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



53.4246, 0.3253, 0.2932



65.8920, 0.3285, 0.2854



52.3762, 0.3439, 0.3179



13.8649, 0.3182, 0.3124



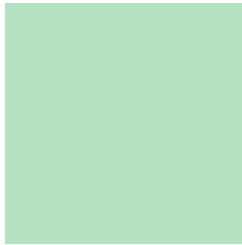
10.7133, 0.4096, 0.2030



0.7578, 0.3928, 0.1937

Previews

White Background



This preview shows how the Yxy color 67.4040, 0.3021, 0.3677 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 67.4040, 0.3021, 0.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

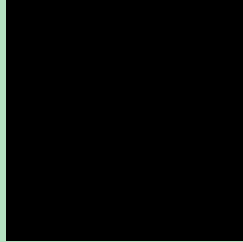
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

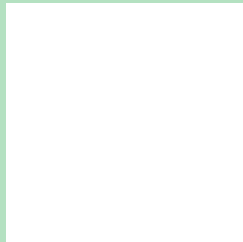
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.4040, 0.3021, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 67.4040, 0.3021, 0.3677.

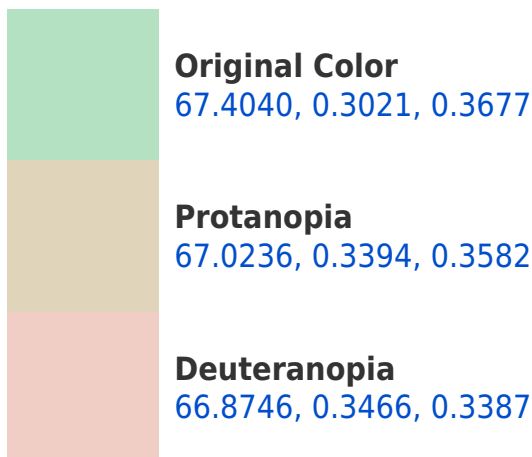


This preview shows how white text looks on a background with the Yxy color 67.4040, 0.3021, 0.3677.

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

67.4105, 0.2811, 0.3096

Trichromacy



Original Color

67.4040, 0.3021, 0.3677

Protanomaly

66.7097, 0.3251, 0.3614

Deuteranomaly

66.6341, 0.3291, 0.3482

Tritanomaly

67.1945, 0.2888, 0.3301

Monochromacy



Original Color

67.4040, 0.3021, 0.3677

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.4107, 0.3085, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4040, 0.3021, 0.3677 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(180, 225, 193)` looks like.

```
.text, #text, p{  
    color:rgb(180, 225, 193)  
}
```

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(180, 225, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 225, 193) }
```

Border

The CSS property to change the border of an element to Yxy 67.4040, 0.3021, 0.3677 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(180, 225, 193) }
```

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

```
.border{ border-color:rgb(180, 225, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 225, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 225, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 225, 193);  
box-shadow:4px 4px 4px 4px rgb(180, 225,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4040, 0.3021, 0.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 225, 193) }
```

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

```
.background{ background-color: rgb(180,  
225, 193) }
```

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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