

Converting Colors

$Yxy(69.2524, 0.3053, 0.3824)$

Have a look what the booklet for
Yxy(69.2524, 0.3053, 0.3824)
contains.

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Color

Yxy(69.0064, 0.3055, 0.3824)

Conversions

Conversions Part 1

Format	Color
Hex	B2E5B9
RGB	178, 229, 185
RGB Percent	70%, 90%, 73%
CMY	0.3021, 0.1019, 0.2744
CMYK	0.22, 0.00, 0.19, 0.10
HSL	128°, 50%, 80%
HSV	128°, 22%, 90%
XYZ	55.1293, 69.0064, 56.3203
YIQ	208.7350, -16.2720, -24.4960

Conversions

Conversions Part 2

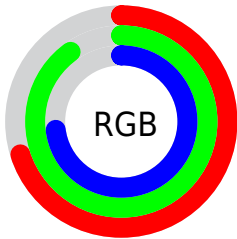
Format	Color
RYB	178, 223, 229
Decimal	11724217
CIELab	86.51, -24.86, 16.19
CIELCh	87, 29.667, 146.923
Yxy	69.0064, 0.3055, 0.3824
Android (android.graphics.Color)	4289914297 (0xFFB2E5B9)
YUV	208.7350, -11.7014, -26.9546
Hunter-Lab	83.0701, -26.9114, 17.9513

Details

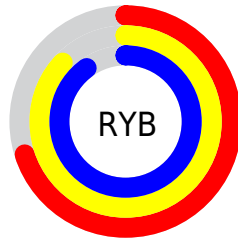
The Yxy color **69.0064, 0.3055, 0.3824** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **53.7539, 0.3209, 0.2809**, and the grayscale version is **63.6609, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3633, 0.3077, 0.3430**, and **35.8382, 0.3028, 0.3957** is the 20% darker color. If you saturate the color by 10%, you get **65.7470, 0.3023, 0.4109**, and if you desaturate by 10%, it is **72.8395, 0.3088, 0.3566**.

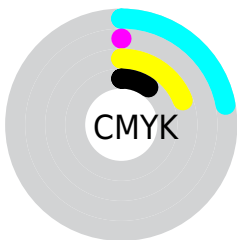
Distribution



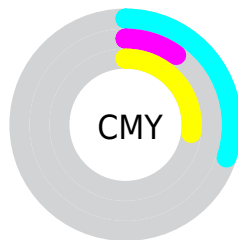
- Red (70%)
- Green (90%)
- Blue (73%)



- Red (70%)
- Yellow (87%)
- Blue (90%)



- Cyan (22%)
- Magenta (0%)
- Yellow (19%)
- Black (10%)




- Cyan (30%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.0064, 0.3055, 0.3824 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 69.0064, 0.3055, 0.3824 by changing the saturation by 10% instead.


 69.0064, 0.3055,
0.3824

 69.0064, 0.3055,
0.3824

457.0535, 0.3093,
0.3565

 50.7169, 0.3045,
0.3886


 117.7907, 0.3069,
0.3732

 35.9834, 0.3032,
0.3964


149.0543, 0.3075,
0.3697

 24.4214, 0.3014,
0.4066


185.4115, 0.3079,
0.3667

 15.6465, 0.2988,
0.4203

227.2465, 0.3083,
0.3641

 9.2743, 0.2949,
0.4399

274.9438, 0.3086,
0.3618

 4.9206, 0.2883,
0.4698

328.8879, 0.3089,

 2.2007, 0.2757,

0.3599

0.5212

389.4630, 0.3091,
0.3581

0.7204, 0.0975,
0.9025

0.0000, 0.0000,
0.0000

69.0064, 0.3055,
0.3824

69.0064, 0.3055,
0.3824

65.7470, 0.3023,
0.4109

72.8395, 0.3088,
0.3566

63.0254, 0.2994,
0.4418

77.2629, 0.3120,
0.3338

60.8150, 0.2970,
0.4739

82.3032, 0.3151,
0.3139

59.0837, 0.2953,
0.5057

84.5264, 0.3139,
0.3039

■ 57.7954, 0.2945,
0.5354

■ 56.9091, 0.2948,
0.5608

■ 56.3759, 0.2961,
0.5800

■ 56.1490, 0.2973,
0.5903

Harmonies

Analogous

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



69.0064, 0.3417, 0.3943



69.0064, 0.3055, 0.3824



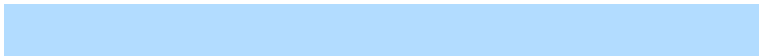
69.0064, 0.2726, 0.3532

Triad

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



69.0064, 0.3055, 0.3824



69.0064, 0.2560, 0.2722



69.0064, 0.3784, 0.3344

Complementary

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



69.0064, 0.3055, 0.3824



53.7539, 0.3209, 0.2809

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.



69.0064, 0.3528, 0.3055



69.0064, 0.3055, 0.3824



69.0064, 0.2815, 0.2707

Square

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



69.0064, 0.3055, 0.3824



69.0064, 0.2452, 0.2885



69.0064, 0.3167, 0.2828



69.0064, 0.3851, 0.3637

Rectangle

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



69.0064, 0.3055, 0.3824



69.0064, 0.2566, 0.3295



69.0064, 0.3167, 0.2828



69.0064, 0.3717, 0.3244

Sweetspot

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



69.0093, 0.3055, 0.3824



95.8190, 0.3105, 0.3443



74.8210, 0.3413, 0.3855



20.4359, 0.3103, 0.3457



0.0000, 0.0000, 0.0000



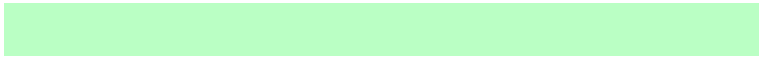
21.4041, 0.3127, 0.3290

Same Dimension

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



69.0093, 0.3055, 0.3824



85.9485, 0.3039, 0.3960



70.1736, 0.2904, 0.3511



16.1215, 0.3097, 0.3499



32.1090, 0.2968, 0.5886



2.3831, 0.2908, 0.5669

Inverse Universe

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



53.7539, 0.3209, 0.2809



63.0628, 0.3230, 0.2702



52.4989, 0.3418, 0.3080



14.5791, 0.3159, 0.3090



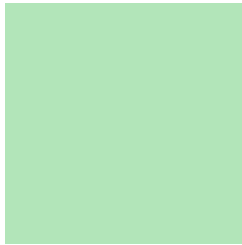
11.8511, 0.3591, 0.1752



0.8853, 0.3527, 0.1717

Previews

White Background



This preview shows how the Yxy color 69.0064, 0.3055, 0.3824 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 69.0064, 0.3055, 0.3824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

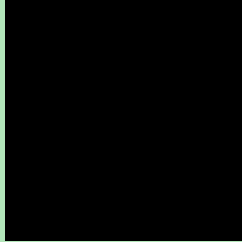
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

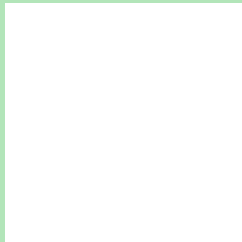
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.0064, 0.3055, 0.3824

Background



This preview shows how black text looks on a background with the Yxy color 69.0064, 0.3055, 0.3824.

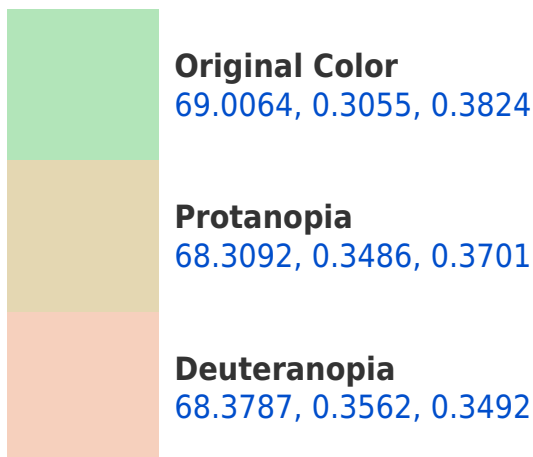


This preview shows how white text looks on a background with the Yxy color 69.0064, 0.3055, 0.3824.

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

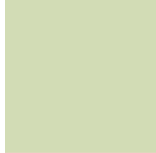
69.1659, 0.2796, 0.3097

Trichromacy



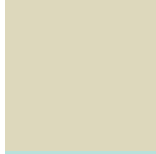
Original Color

69.0064, 0.3055, 0.3824



Protanomaly

68.2242, 0.3317, 0.3740



Deuteranomaly

68.1147, 0.3358, 0.3605



Tritanomaly

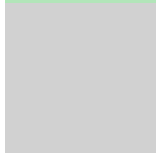
69.1552, 0.2889, 0.3359

Monochromacy



Original Color

69.0064, 0.3055, 0.3824



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

65.2876, 0.3104, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0064, 0.3055, 0.3824 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(178, 229, 185)` looks like.

```
.text, #text, p{  
    color:rgb(178, 229, 185)  
}
```

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(178, 229, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 229, 185) }
```

Border

The CSS property to change the border of an element to Yxy 69.0064, 0.3055, 0.3824 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(178, 229, 185) }
```

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

```
.border{ border-color:rgb(178, 229, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 229, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 229, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 229, 185);  
box-shadow:4px 4px 4px 4px rgb(178, 229,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0064, 0.3055, 0.3824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 229, 185) }
```

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

```
.background{ background-color: rgb(178,  
229, 185) }
```

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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