

Converting Colors

Yxy(66.4120, 0.3020, 0.3727)

Have a look what the booklet for
Yxy(66.4120, 0.3020, 0.3727)
contains.

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Color

Yxy(66.2155, 0.3019, 0.3719)

Conversions

Conversions Part 1

Format	Color
Hex	B0E0BD
RGB	176, 224, 189
RGB Percent	69%, 88%, 74%
CMY	0.3096, 0.1216, 0.2589
CMYK	0.21, 0.00, 0.16, 0.12
HSL	136°, 44%, 78%
HSV	136°, 21%, 88%
XYZ	53.7522, 66.2155, 58.0788
YIQ	205.6580, -17.3730, -21.0610

Conversions

Conversions Part 2

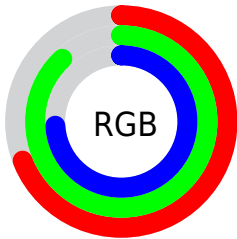
Format	Color
RYB	176, 214, 224
Decimal	11591869
CIELab	85.11, -22.32, 12.12
CIELCh	85, 25.400, 151.495
Yxy	66.2155, 0.3019, 0.3719
Android (android.graphics.Color)	4289781949 (0xFFB0E0BD)
YUV	205.6580, -8.2124, -26.0101
Hunter-Lab	81.3729, -24.4914, 14.6436

Details

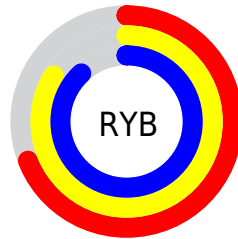
The Yxy color **66.2155, 0.3019, 0.3719** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **51.6250, 0.3256, 0.2896**, and the grayscale version is **61.5599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2684, 0.3043, 0.3390**, and **34.3645, 0.2989, 0.3832** is the 20% darker color. If you saturate the color by 10%, you get **63.1472, 0.2971, 0.3957**, and if you desaturate by 10%, it is **69.8004, 0.3069, 0.3505**.

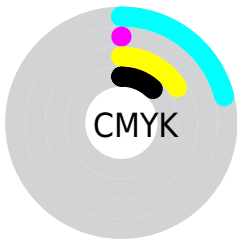
Distribution



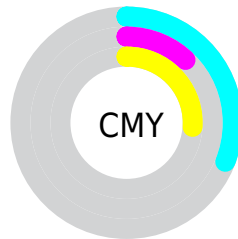
- Red (69%)
- Green (88%)
- Blue (74%)



- Red (69%)
- Yellow (84%)
- Blue (88%)



- Cyan (21%)
- Magenta (0%)
- Yellow (16%)
- Black (12%)





- Cyan (31%)
- Magenta (12%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.2155, 0.3019, 0.3719 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 66.2155, 0.3019, 0.3719 by changing the saturation by 10% instead.


 66.2155, 0.3019,
0.3719

 66.2155, 0.3019,
0.3719

447.1472, 0.3073,
0.3511

 48.4474, 0.3006,
0.3769

 113.7956, 0.3039,
0.3645

 34.1813, 0.2988,
0.3832


144.3763, 0.3046,
0.3616

 23.0329, 0.2966,
0.3915


179.9967, 0.3052,
0.3592

 14.6178, 0.2934,
0.4027

221.0411, 0.3058,
0.3572

 8.5516, 0.2888,
0.4187

267.8940, 0.3062,
0.3553

 4.4499, 0.2814,
0.4435

320.9397, 0.3066,

 1.9283, 0.2678,

0.3538

0.4866

380.5626, 0.3070,
0.3523

■ 0.5653, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 66.2155, 0.3019,
0.3719

■ 66.2155, 0.3019,
0.3719

■ 63.1472, 0.2971,
0.3957

■ 69.8004, 0.3069,
0.3505

■ 60.5634, 0.2929,
0.4215

■ 73.9156, 0.3120,
0.3315

■ 58.4411, 0.2894,
0.4489

■ 78.5850, 0.3170,
0.3148

■ 56.7524, 0.2870,
0.4770

■ 81.7515, 0.3145,
0.2995

■ 55.4658, 0.2860,
0.5047

■ 81.7887, 0.3141,
0.2989

■ 54.5459, 0.2866,
0.5303

■ 53.9503, 0.2887,
0.5527

■ 53.6390, 0.2912,
0.5685

Harmonies

Analogous

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



66.2155, 0.3335, 0.3850



66.2155, 0.3019, 0.3719



66.2155, 0.2742, 0.3454

Triad

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



66.2155, 0.3019, 0.3719



66.2155, 0.2658, 0.2784



66.2155, 0.3717, 0.3381

Complementary

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



66.2155, 0.3019, 0.3719



51.6250, 0.3256, 0.2896

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.



66.2155, 0.3517, 0.3122



66.2155, 0.3019, 0.3719



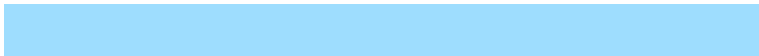
66.2155, 0.2899, 0.2788

Square

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



66.2155, 0.3019, 0.3719



66.2155, 0.2542, 0.2910



66.2155, 0.3213, 0.2910



66.2155, 0.3748, 0.3631

Rectangle

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



66.2155, 0.3019, 0.3719



66.2155, 0.2613, 0.3250



66.2155, 0.3213, 0.2910



66.2155, 0.3667, 0.3292

Sweetspot

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



66.2183, 0.3019, 0.3719



96.5138, 0.3097, 0.3400



70.3255, 0.3353, 0.3839



20.5802, 0.3093, 0.3413



0.0000, 0.0000, 0.0000



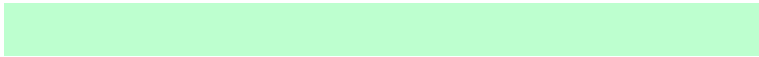
21.4041, 0.3127, 0.3290

Same Dimension

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



66.2183, 0.3019, 0.3719



86.7847, 0.2996, 0.3830



67.3395, 0.2875, 0.3423



15.3976, 0.3079, 0.3466



31.2398, 0.2905, 0.5660



2.1801, 0.2821, 0.5354

Inverse Universe

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



51.6250, 0.3256, 0.2896



63.6480, 0.3291, 0.2805



50.5165, 0.3459, 0.3162



13.8693, 0.3179, 0.3120



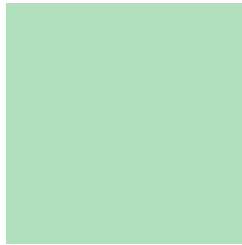
10.7964, 0.4030, 0.1994



0.7630, 0.3875, 0.1908

Previews

White Background



This preview shows how the Yxy color 66.2155, 0.3019, 0.3719 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 66.2155, 0.3019, 0.3719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

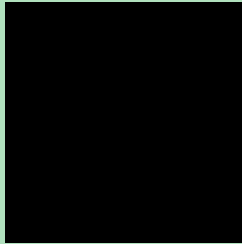
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

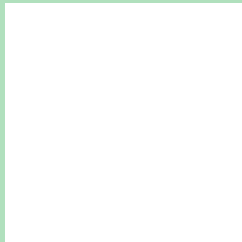
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.2155, 0.3019, 0.3719

Background



This preview shows how black text looks on a background with the Yxy color 66.2155, 0.3019, 0.3719.

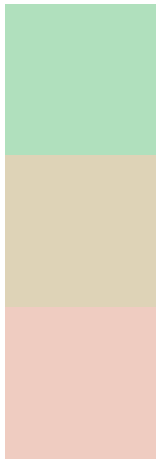


This preview shows how white text looks on a background with the Yxy color 66.2155, 0.3019, 0.3719.

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

66.2155, 0.3019, 0.3719

Protanopia

65.5370, 0.3411, 0.3607

Deuteranopia

65.3867, 0.3484, 0.3410



Tritanopia

66.3313, 0.2791, 0.3094

Trichromacy



Original Color

66.2155, 0.3019, 0.3719

Protanomaly

65.5937, 0.3257, 0.3653

Deuteranomaly

64.9932, 0.3299, 0.3507

Tritanomaly

66.0721, 0.2873, 0.3313

Monochromacy



Original Color

66.2155, 0.3019, 0.3719

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

63.3607, 0.3083, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2155, 0.3019, 0.3719 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(176, 224, 189)` looks like.

```
.text, #text, p{  
    color:rgb(176, 224, 189)  
}
```

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(176, 224, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 224, 189) }
```

Border

The CSS property to change the border of an element to Yxy 66.2155, 0.3019, 0.3719 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(176, 224, 189) }
```

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

```
.border{ border-color:rgb(176, 224, 189) }
```

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

Here you see how a box with a 4 pixel rgb(176, 224, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 224, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 224, 189);  
box-shadow:4px 4px 4px 4px rgb(176, 224,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2155, 0.3019, 0.3719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 224, 189) }
```

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

```
.background{ background-color: rgb(176,  
224, 189) }
```

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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