

Converting Colors

$Yxy(66.6125, 0.2978, 0.3607)$

Have a look what the booklet for
Yxy(66.6125, 0.2978, 0.3607)
contains.

Yxy(66.8075, 0.2983, 0.3617)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.8075, 0.2983, 0.3617)

Conversions

Conversions Part 1

Format	Color
Hex	B2E0C5
RGB	178, 224, 197
RGB Percent	70%, 88%, 77%
CMY	0.3018, 0.1216, 0.2275
CMYK	0.21, 0.00, 0.12, 0.12
HSL	145°, 43%, 79%
HSV	145°, 21%, 88%
XYZ	55.0973, 66.8075, 62.7994
YIQ	207.1680, -18.7490, -18.1490

Conversions

Conversions Part 2

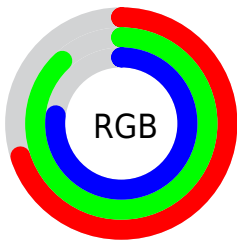
Format	Color
RYB	178, 211, 224
Decimal	11722949
CIELab	85.41, -20.20, 8.36
CIELCh	85, 21.857, 157.515
Yxy	66.8075, 0.2983, 0.3617
Android (android.graphics.Color)	4289913029 (0xFFB2E0C5)
YUV	207.1680, -5.0128, -25.5803
Hunter-Lab	81.7359, -22.7128, 11.6613

Details

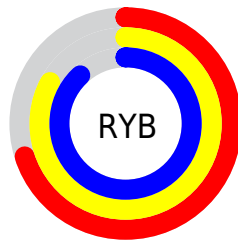
The Yxy color **66.8075, 0.2983, 0.3617** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **52.1127, 0.3304, 0.2984**, and the grayscale version is **62.5572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1682, 0.3005, 0.3300**, and **34.7191, 0.2950, 0.3711** is the 20% darker color. If you saturate the color by 10%, you get **63.7952, 0.2918, 0.3804**, and if you desaturate by 10%, it is **70.3108, 0.3052, 0.3448**.

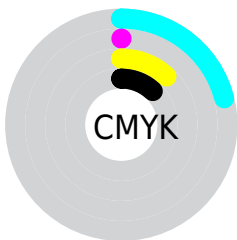
Distribution



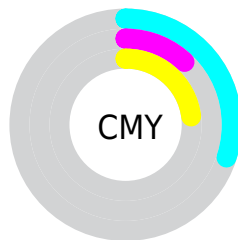
- Red (70%)
- Green (88%)
- Blue (77%)



- Red (70%)
- Yellow (83%)
- Blue (88%)



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




- Cyan (30%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8075, 0.2983, 0.3617 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 66.8075, 0.2983, 0.3617 by changing the saturation by 10% instead.

 66.8075, 0.2983,
0.3617

 66.8075, 0.2983,
0.3617


449.2593, 0.3053,
0.3460

 48.9282, 0.2966,
0.3655

 114.6445, 0.3008,
0.3561

 34.5625, 0.2945,
0.3702


145.3711, 0.3017,
0.3540

 23.3261, 0.2918,
0.3763


181.1488, 0.3025,
0.3521

 14.8345, 0.2881,
0.3846

222.3621, 0.3032,
0.3506

 8.7033, 0.2829,
0.3964

269.3954, 0.3038,
0.3492

 4.5482, 0.2748,
0.4145

322.6331, 0.3044,

 1.9847, 0.2609,


0.3480

0.4457


382.4596, 0.3048,
0.3469


 0.5985, 0.1023,
0.8069


 0.0000, 0.0000,
0.0000


 66.8075, 0.2983,
0.3617


 66.8075, 0.2983,
0.3617


 63.7952, 0.2918,
0.3804


 70.3108, 0.3052,
0.3448

 61.2432, 0.2859,
0.4008

 74.3175, 0.3123,
0.3297

 59.1302, 0.2810,
0.4227

 78.8501, 0.3194,
0.3164

 57.4298, 0.2775,
0.4455

 81.4514, 0.3176,
0.3040

■ 56.1127, 0.2757,
0.4686

■ 81.7910, 0.3141,
0.2989

■ 55.1455, 0.2757,
0.4914

■ 54.4886, 0.2777,
0.5127

■ 54.0891, 0.2809,
0.5312

Harmonies

Analogous

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



66.8075, 0.3254, 0.3756



66.8075, 0.2983, 0.3617



66.8075, 0.2758, 0.3379

Triad

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



66.8075, 0.2983, 0.3617



66.8075, 0.2757, 0.2845



66.8075, 0.3650, 0.3417

Complementary

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



66.8075, 0.2983, 0.3617



52.1127, 0.3304, 0.2984

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.



66.8075, 0.3505, 0.3190



66.8075, 0.2983, 0.3617



66.8075, 0.2983, 0.2869

Square

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



66.8075, 0.2983, 0.3617



66.8075, 0.2632, 0.2934



66.8075, 0.3258, 0.2993



66.8075, 0.3646, 0.3624

Rectangle

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



66.8075, 0.2983, 0.3617



66.8075, 0.2660, 0.3207



66.8075, 0.3258, 0.2993



66.8075, 0.3617, 0.3341

Sweetspot

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



66.8103, 0.2983, 0.3617



96.6469, 0.3084, 0.3378



69.5934, 0.3298, 0.3823



20.6116, 0.3079, 0.3388



0.0000, 0.0000, 0.0000



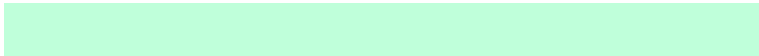
21.4041, 0.3127, 0.3290

Same Dimension

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



66.8103, 0.2983, 0.3617



87.6657, 0.2952, 0.3702



67.9159, 0.2849, 0.3343



15.4305, 0.3060, 0.3431



31.5056, 0.2801, 0.5284



2.2013, 0.2715, 0.4975

Inverse Universe

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



52.1127, 0.3304, 0.2984



64.2728, 0.3354, 0.2912



51.1057, 0.3496, 0.3238



13.8351, 0.3201, 0.3153



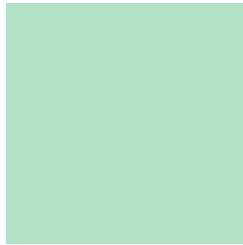
10.2125, 0.4584, 0.2299



0.7256, 0.4315, 0.2151

Previews

White Background



This preview shows how the Yxy color 66.8075, 0.2983, 0.3617 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 66.8075, 0.2983, 0.3617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

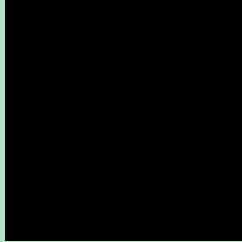
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

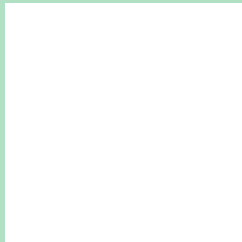
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8075, 0.2983, 0.3617

Background



This preview shows how black text looks on a background with the Yxy color 66.8075, 0.2983, 0.3617.

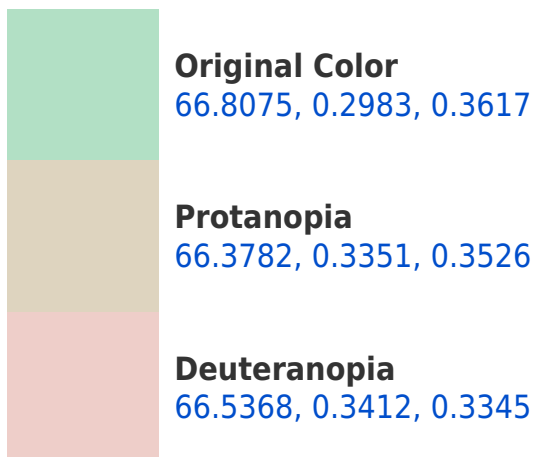


This preview shows how white text looks on a background with the Yxy color 66.8075, 0.2983, 0.3617.

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

66.5132, 0.2791, 0.3083

Trichromacy



Original Color

66.8075, 0.2983, 0.3617

Protanomaly

66.0838, 0.3210, 0.3557

Deuteranomaly

66.3576, 0.3239, 0.3437

Tritanomaly

66.4054, 0.2856, 0.3266

Monochromacy



Original Color

66.8075, 0.2983, 0.3617

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.6361, 0.3071, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8075, 0.2983, 0.3617 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, 224, 197)` looks like.

```
.text, #text, p{  
    color:rgb(178, 224, 197)  
}
```

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, 224, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 224, 197) }
```

Border

The CSS property to change the border of an element to Yxy 66.8075, 0.2983, 0.3617 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, 224, 197) }
```

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

```
.border{ border-color:rgb(178, 224, 197) }
```

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

Here you see how a box with a 4 pixel rgb(178, 224, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 224, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 224, 197);  
box-shadow:4px 4px 4px 4px rgb(178, 224,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8075, 0.2983, 0.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 224, 197) }
```

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

```
.background{ background-color: rgb(178,  
224, 197) }
```

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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