

Converting Colors

$Yxy(69.1978, 0.2992, 0.3567)$

Have a look what the booklet for
Yxy(69.1978, 0.2992, 0.3567)
contains.

Yxy(69.0188, 0.2992, 0.3562)	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(69.0188, 0.2992, 0.3562)

Conversions

Conversions Part 1

Format	Color
Hex	B9E2CB
RGB	185, 226, 203
RGB Percent	73%, 89%, 80%
CMY	0.2747, 0.1137, 0.2039
CMYK	0.18, 0.00, 0.10, 0.11
HSL	146°, 41%, 81%
HSV	146°, 18%, 89%
XYZ	57.9742, 69.0188, 66.7711
YIQ	211.1190, -17.0530, -15.8450

Conversions

Conversions Part 2

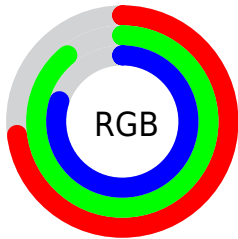
Format	Color
R _{YB}	185, 213, 226
Decimal	12182219
CIE Lab	86.51, -17.83, 6.83
CIE LCh	87, 19.095, 159.045
Yxy	69.0188, 0.2992, 0.3562
Android (android.graphics.Color)	4290372299 (0xFFB9E2CB)
YUV	211.1190, -4.0027, -22.9064
Hunter-Lab	83.0776, -20.8226, 10.5017

Details

The Yxy color **69.0188, 0.2992, 0.3562** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.3987, 0.3290, 0.3033**, and the grayscale version is **65.2551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **36.1210, 0.2955, 0.3637** is the 20% darker color. If you saturate the color by 10%, you get **65.8523, 0.2922, 0.3736**, and if you desaturate by 10%, it is **72.6872, 0.3066, 0.3405**.

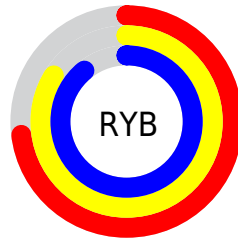
Distribution



Red (73%)

Green (89%)

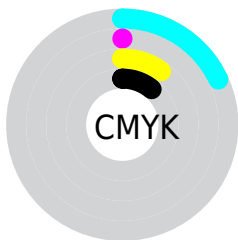
Blue (80%)



Red (73%)

Yellow (84%)

Blue (89%)

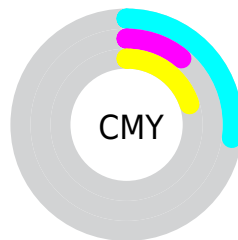


Cyan (18%)

Magenta (0%)

Yellow (10%)

Black (11%)



Cyan (27%)


Magenta (11%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.0188, 0.2992, 0.3562 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 69.0188, 0.2992, 0.3562 by changing the saturation by 10% instead.

 69.0188, 0.2992,
0.3562

 69.0188, 0.2992,
0.3562


457.0973, 0.3056,
0.3432

 50.7270, 0.2977,
0.3593


 117.8084, 0.3015,
0.3516

 35.9914, 0.2958,
0.3631


149.0751, 0.3023,
0.3499

 24.4276, 0.2933,
0.3681


185.4354, 0.3031,
0.3484

 15.6511, 0.2900,
0.3747

227.2740, 0.3037,
0.3471

 9.2776, 0.2854,
0.3841

274.9750, 0.3043,
0.3459

 4.9227, 0.2784,
0.3982

328.9230, 0.3048,

 2.2020, 0.2667,

0.3449

0.4221

389.5023, 0.3053,
0.3440

0.7211, 0.1955,
0.5639

0.0000, 0.0000,
0.0000

69.0188, 0.2992,
0.3562

69.0188, 0.2992,
0.3562

65.8523, 0.2922,
0.3736

72.6872, 0.3066,
0.3405

63.1568, 0.2858,
0.3926

76.8695, 0.3141,
0.3266

60.9111, 0.2804,
0.4131

81.5883, 0.3216,
0.3142

59.0891, 0.2764,
0.4346

82.7955, 0.3149,
0.3022

■ 57.6619, 0.2739,
0.4567

■ 82.8818, 0.3140,
0.3009

■ 56.5966, 0.2733,
0.4787

■ 55.8549, 0.2747,
0.4998

■ 55.3823, 0.2779,
0.5193

■ 55.3105, 0.2785,
0.5227

Harmonies

Analogous

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



69.0188, 0.3226, 0.3687



69.0188, 0.2992, 0.3562



69.0188, 0.2799, 0.3357

Triad

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



69.0188, 0.2992, 0.3562



69.0188, 0.2815, 0.2902



69.0188, 0.3581, 0.3412

Complementary

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



69.0188, 0.2992, 0.3562



55.3987, 0.3290, 0.3033

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.



69.0188, 0.3462, 0.3214



69.0188, 0.2992, 0.3562



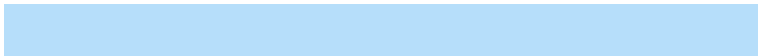
69.0188, 0.3015, 0.2927

Square

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



69.0188, 0.2992, 0.3562



69.0188, 0.2700, 0.2976



69.0188, 0.3253, 0.3039



69.0188, 0.3571, 0.3589

Rectangle

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



69.0188, 0.2992, 0.3562



69.0188, 0.2717, 0.3209



69.0188, 0.3253, 0.3039



69.0188, 0.3555, 0.3346

Sweetspot

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



69.0217, 0.2992, 0.3562



97.2100, 0.3089, 0.3360



71.3441, 0.3269, 0.3760



20.7260, 0.3084, 0.3370



0.0000, 0.0000, 0.0000



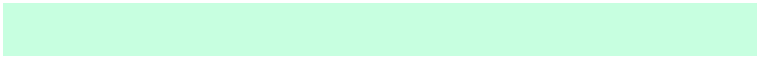
21.4041, 0.3127, 0.3290

Same Dimension

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



69.0217, 0.2992, 0.3562



89.0071, 0.2964, 0.3629



70.0522, 0.2871, 0.3321



15.4369, 0.3056, 0.3424



31.5723, 0.2777, 0.5198



2.2062, 0.2693, 0.4896

Inverse Universe

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



55.3987, 0.3290, 0.3033



67.7924, 0.3333, 0.2974



54.4641, 0.3456, 0.3260



13.8285, 0.3205, 0.3159



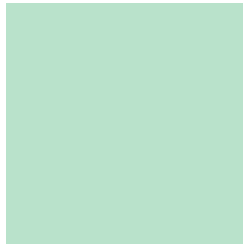
10.1168, 0.4699, 0.2362



0.7192, 0.4406, 0.2201

Previews

White Background



This preview shows how the Yxy color 69.0188, 0.2992, 0.3562 looks on a white background.

Color Contrast Check

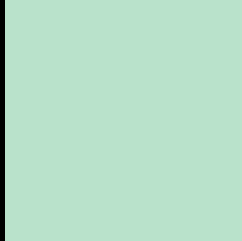
Large Text (above 18pt) WCAG AA × Fail

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 69.0188, 0.2992, 0.3562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

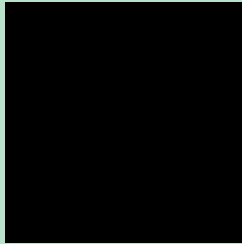
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

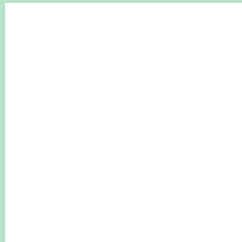
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.0188, 0.2992, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 69.0188, 0.2992, 0.3562.

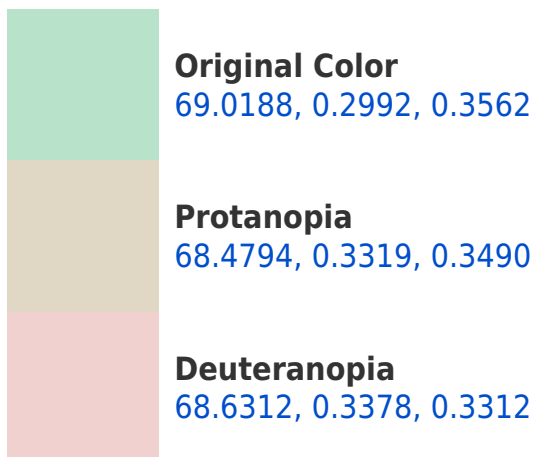


This preview shows how white text looks on a background with the Yxy color 69.0188, 0.2992, 0.3562.

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

68.9623, 0.2820, 0.3098

Trichromacy



Original Color

69.0188, 0.2992, 0.3562

Protanomaly

68.4882, 0.3196, 0.3518

Deuteranomaly

68.2728, 0.3226, 0.3390

Tritanomaly

69.0304, 0.2885, 0.3266

Monochromacy



Original Color

69.0188, 0.2992, 0.3562

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.2224, 0.3080, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0188, 0.2992, 0.3562 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(185, 226, 203)` looks like.

```
.text, #text, p{  
    color:rgb(185, 226, 203)  
}
```

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(185, 226, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 226, 203) }
```

Border

The CSS property to change the border of an element to Yxy 69.0188, 0.2992, 0.3562 is called "border". The border property can be set on classes, ids or directly on the HTML element.

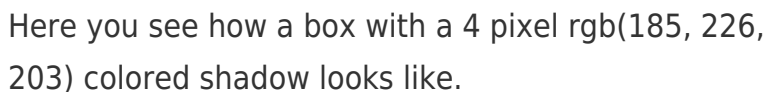
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 226, 203) }
```

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

```
.border{ border-color:rgb(185, 226, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 226, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 226, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 226, 203);  
box-shadow:4px 4px 4px 4px rgb(185, 226,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0188, 0.2992, 0.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 226, 203) }
```

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

```
.background{ background-color: rgb(185,  
226, 203) }
```

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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