

Converting Colors

$Yxy(60.5099, 0.2993, 0.3387)$

Have a look what the booklet for
Yxy(60.5099, 0.2993, 0.3387)
contains.

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Color

Yxy(60.5478, 0.2991, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	B8D2CA
RGB	184, 210, 202
RGB Percent	72%, 82%, 79%
CMY	0.2786, 0.1764, 0.2078
CMYK	0.12, 0.00, 0.04, 0.18
HSL	162°, 22%, 77%
HSV	162°, 12%, 82%
XYZ	53.4687, 60.5478, 64.7488
YIQ	201.3140, -12.9280, -8.0000

Conversions

Conversions Part 2

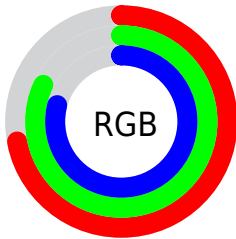
Format	Color
RYB	184, 199, 210
Decimal	12112586
CIELab	82.14, -10.24, 1.01
CIELCh	82, 10.293, 174.350
Yxy	60.5478, 0.2991, 0.3387
Android (android.graphics.Color)	4290302666 (0xFFB8D2CA)
YUV	201.3140, 0.3382, -15.1844
Hunter-Lab	77.8125, -13.5159, 5.1327

Details

The Yxy color **60.5478, 0.2991, 0.3387** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.7754, 0.3285, 0.3195**, and the grayscale version is **58.6156, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **30.7403, 0.2959, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **57.8475, 0.2887, 0.3474**, and if you desaturate by 10%, it is **63.6510, 0.3100, 0.3308**.

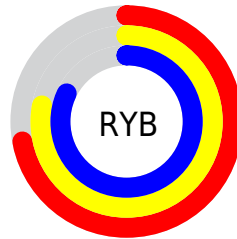
Distribution



Red (72%)

Green (82%)

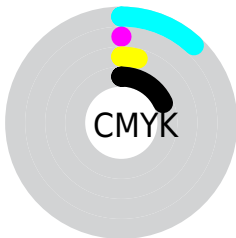
Blue (79%)



Red (72%)

Yellow (78%)

Blue (82%)

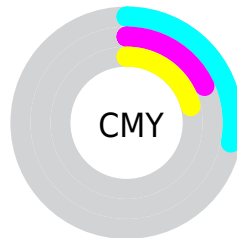


Cyan (12%)

Magenta (0%)

Yellow (4%)

Black (18%)



Cyan (28%)


Magenta (18%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5478, 0.2991, 0.3387 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 60.5478, 0.2991, 0.3387 by changing the saturation by 10% instead.

 60.5478, 0.2991,
0.3387

 60.5478, 0.2991,
0.3387


426.6140, 0.3056,
0.3340

 43.8603, 0.2976,
0.3398


 105.6239, 0.3014,
0.3371

 30.5607, 0.2956,
0.3412


134.7813, 0.3023,
0.3364

 20.2646, 0.2931,
0.3430


168.8642, 0.3031,
0.3359

 12.5875, 0.2897,
0.3455

208.2569, 0.3037,
0.3354

 7.1451, 0.2849,
0.3489

253.3439, 0.3043,
0.3350

 3.5530, 0.2776,
0.3542

304.5094, 0.3048,

 1.4268, 0.2651,

0.3347

0.3634

362.1380, 0.3052,
0.3343

0.2364, 0.0000,
0.5589

0.0000, 0.0000,
0.0000

60.5478, 0.2991,
0.3387

60.5478, 0.2991,
0.3387

57.8475, 0.2887,
0.3474

63.6510, 0.3100,
0.3308

55.5254, 0.2790,
0.3570


67.1654, 0.3212,
0.3237


53.5657, 0.2704,
0.3672


71.1088, 0.3325,
0.3173


51.9485, 0.2632,
0.3781


72.9515, 0.3338,
0.3112

 50.6520, 0.2576,
0.3895


 73.3165, 0.3292,
0.3048


 49.6519, 0.2539,
0.4011


 73.6950, 0.3246,
0.2986


 48.9200, 0.2522,
0.4129

 74.0871, 0.3201,
0.2924

 48.4229, 0.2525,
0.4246

 74.4931, 0.3157,
0.2864

 48.1579, 0.2537,
0.4333

 74.5795, 0.3148,
0.2851

Harmonies

Analogous

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



60.5478, 0.3117, 0.3482



60.5478, 0.2991, 0.3387



60.5478, 0.2903, 0.3266

Triad

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



60.5478, 0.2991, 0.3387



60.5478, 0.3005, 0.3068



60.5478, 0.3388, 0.3417

Complementary

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



60.5478, 0.2991, 0.3387



51.7754, 0.3285, 0.3195

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.



60.5478, 0.3357, 0.3307



60.5478, 0.2991, 0.3387



60.5478, 0.3133, 0.3109

Square

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



60.5478, 0.2991, 0.3387



60.5478, 0.2910, 0.3084



60.5478, 0.3263, 0.3195



60.5478, 0.3347, 0.3496

Rectangle

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



60.5478, 0.2991, 0.3387



60.5478, 0.2876, 0.3189



60.5478, 0.3263, 0.3195



60.5478, 0.3385, 0.3382

Sweetspot

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



60.5503, 0.2991, 0.3387



97.9162, 0.3082, 0.3320



60.7934, 0.3174, 0.3607



20.8767, 0.3074, 0.3326



0.0000, 0.0000, 0.0000



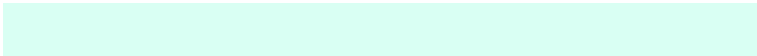
21.4041, 0.3127, 0.3290

Same Dimension

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



60.5503, 0.2991, 0.3387



92.7191, 0.2962, 0.3410



58.6165, 0.2937, 0.3232



13.3426, 0.3023, 0.3362



29.3903, 0.2532, 0.4316



1.6572, 0.2473, 0.4104

Inverse Universe

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



51.7754, 0.3285, 0.3195



76.3866, 0.3326, 0.3173



53.4471, 0.3343, 0.3348



11.8672, 0.3243, 0.3219



8.6034, 0.5719, 0.2924



0.4952, 0.5190, 0.2633

Previews

White Background



This preview shows how the Yxy color 60.5478, 0.2991, 0.3387 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 60.5478, 0.2991, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

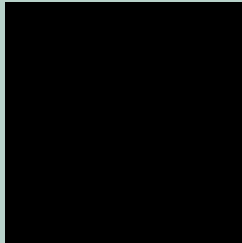
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

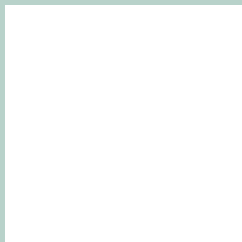
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5478, 0.2991, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 60.5478, 0.2991, 0.3387.

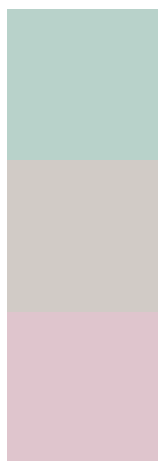


This preview shows how white text looks on a background with the Yxy color 60.5478, 0.2991, 0.3387.

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

60.5478, 0.2991, 0.3387

Protanopia

60.3444, 0.3210, 0.3349

Deuteranopia

60.0283, 0.3275, 0.3201



Tritanopia

60.6447, 0.2883, 0.3101

Trichromacy



Original Color

60.5478, 0.2991, 0.3387

Protanomaly

60.5455, 0.3131, 0.3373

Deuteranomaly

60.1560, 0.3167, 0.3267

Tritanomaly

60.5828, 0.2927, 0.3206

Monochromacy



Original Color

60.5478, 0.2991, 0.3387

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.0049, 0.3080, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5478, 0.2991, 0.3387 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(184, 210, 202)` looks like.

```
.text, #text, p{  
    color:rgb(184, 210, 202)  
}
```

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(184, 210, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 210, 202) }
```

Border

The CSS property to change the border of an element to Yxy 60.5478, 0.2991, 0.3387 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(184, 210, 202) }
```

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

```
.border{ border-color:rgb(184, 210, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 210, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 210, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 210, 202);  
box-shadow:4px 4px 4px 4px rgb(184, 210,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5478, 0.2991, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 210, 202) }
```

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

```
.background{ background-color: rgb(184,  
210, 202) }
```

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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