

Converting Colors

Yxy(57.4813, 0.2931, 0.3454)

Have a look what the booklet for
Yxy(57.4813, 0.2931, 0.3454)
contains.

Yxy(57.4869, 0.2931, 0.3455)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.4869, 0.2931, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	A9D0C3
RGB	169, 208, 195
RGB Percent	66%, 82%, 76%
CMY	0.3372, 0.1843, 0.2354
CMYK	0.19, 0.00, 0.06, 0.18
HSL	160°, 29%, 74%
HSV	160°, 19%, 82%
XYZ	48.7682, 57.4869, 60.1325
YIQ	194.8570, -19.0710, -12.3110

Conversions

Conversions Part 2

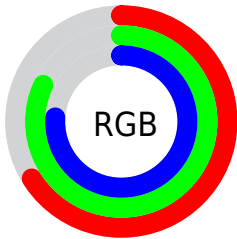
Format	Color
RYB	169, 192, 208
Decimal	11129027
CIELab	80.45, -15.46, 2.21
CIElCh	80, 15.616, 171.869
Yxy	57.4869, 0.2931, 0.3455
Android (android.graphics.Color)	4289319107 (0xFFA9D0C3)
YUV	194.8570, 0.0705, -22.6766
Hunter-Lab	75.8201, -17.8724, 6.0516

Details

The Yxy color **57.4869, 0.2931, 0.3455** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.1747, 0.3372, 0.3131**, and the grayscale version is **54.4939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5558, 0.2962, 0.3320**, and **28.7473, 0.2880, 0.3514** is the 20% darker color. If you saturate the color by 10%, you get **55.0610, 0.2834, 0.3556**, and if you desaturate by 10%, it is **60.2982, 0.3034, 0.3363**.

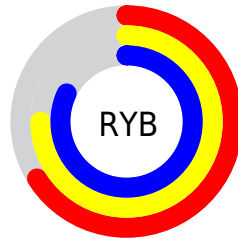
Distribution



Red (66%)

Green (82%)

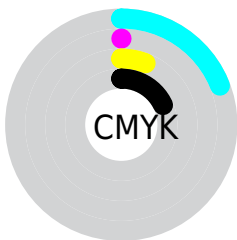
Blue (76%)



Red (66%)

Yellow (75%)

Blue (82%)

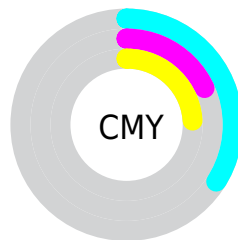


Cyan (19%)

Magenta (0%)

Yellow (6%)

Black (18%)



Cyan (34%)


Magenta (18%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4869, 0.2931, 0.3455 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 57.4869, 0.2931, 0.3455 by changing the saturation by 10% instead.


 57.4869, 0.2931,
0.3455


 57.4869, 0.2931,
0.3455


415.2713, 0.3026,
0.3375

 41.3963, 0.2908,
0.3474


 101.1753, 0.2965,
0.3426

 28.6289, 0.2879,
0.3499

 129.5419, 0.2978,
0.3415

 18.8002, 0.2842,
0.3531


162.7692, 0.2989,
0.3406

 11.5260, 0.2791,
0.3575

201.2417, 0.2998,
0.3398

 6.4218, 0.2718,
0.3639

245.3438, 0.3007,
0.3391

 3.1032, 0.2605,
0.3739

295.4598, 0.3014,

 1.1859, 0.2392,

0.3385

0.3926

351.9742, 0.3020,
0.3380

0.0501, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.4869, 0.2931,
0.3455

57.4869, 0.2931,
0.3455

55.0610, 0.2834,
0.3556

60.2982, 0.3034,
0.3363

52.9959, 0.2747,
0.3665


63.5041, 0.3141,
0.3280

51.2751, 0.2672,
0.3782

67.1223, 0.3249,
0.3206

49.8781, 0.2612,
0.3905

71.1674, 0.3357,
0.3140


 48.7819, 0.2570,
0.4032

 72.0728, 0.3327,
0.3072


 47.9606, 0.2548,
0.4161

 72.4710, 0.3276,
0.3004


 47.3837, 0.2546,
0.4289

 72.8851, 0.3227,
0.2937

 47.0029, 0.2562,
0.4416

 73.3151, 0.3179,
0.2872

 46.9604, 0.2564,
0.4431

 73.5933, 0.3149,
0.2831

Harmonies

Analogous

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



57.4869, 0.3126, 0.3599



57.4869, 0.2931, 0.3455



57.4869, 0.2791, 0.3266

Triad

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



57.4869, 0.2931, 0.3455



57.4869, 0.2923, 0.2950



57.4869, 0.3531, 0.3469

Complementary

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



57.4869, 0.2931, 0.3455



45.1747, 0.3372, 0.3131

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.



57.4869, 0.3474, 0.3298



57.4869, 0.2931, 0.3455



57.4869, 0.3118, 0.3006

Square

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



57.4869, 0.2931, 0.3455



57.4869, 0.2786, 0.2979



57.4869, 0.3321, 0.3132



57.4869, 0.3476, 0.3599

Rectangle

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



57.4869, 0.2931, 0.3455



57.4869, 0.2745, 0.3145



57.4869, 0.3321, 0.3132



57.4869, 0.3525, 0.3414

Sweetspot

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



57.4893, 0.2931, 0.3455



96.8875, 0.3062, 0.3340



58.0051, 0.3207, 0.3783



20.6684, 0.3055, 0.3346



0.0000, 0.0000, 0.0000



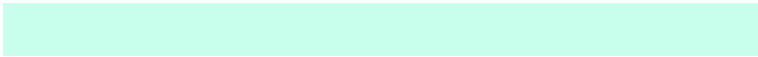
21.4041, 0.3127, 0.3290

Same Dimension

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



57.4893, 0.2931, 0.3455



89.7181, 0.2896, 0.3490



55.3061, 0.2844, 0.3216



13.3370, 0.3027, 0.3369



29.2860, 0.2559, 0.4414



1.6519, 0.2495, 0.4182

Inverse Universe

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



45.1747, 0.3372, 0.3131



67.1054, 0.3430, 0.3100



46.8850, 0.3478, 0.3363



11.8726, 0.3239, 0.3212



8.6463, 0.5619, 0.2869



0.4981, 0.5098, 0.2582

Previews

White Background



This preview shows how the Yxy color 57.4869, 0.2931, 0.3455 looks on a white background.

Color Contrast Check

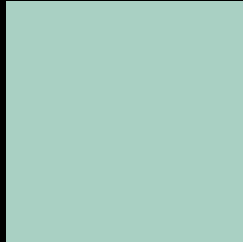
Large Text (above 18pt) WCAG AA × Fail

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 57.4869, 0.2931, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

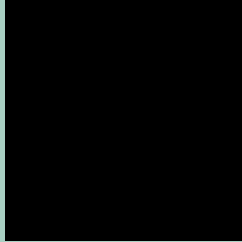
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

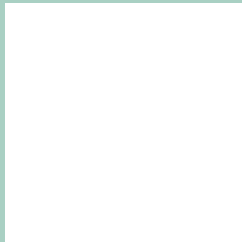
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4869, 0.2931, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 57.4869, 0.2931, 0.3455.

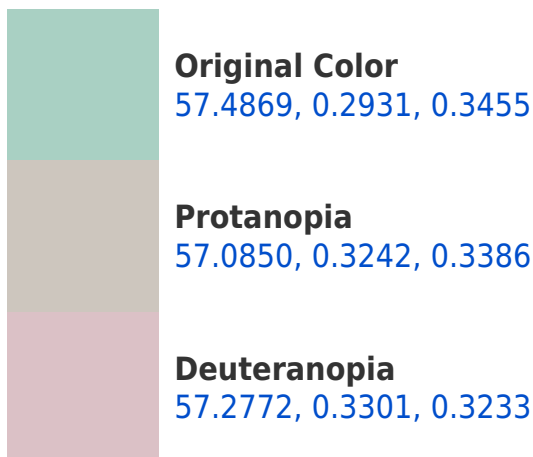


This preview shows how white text looks on a background with the Yxy color 57.4869, 0.2931, 0.3455.

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

57.3517, 0.2804, 0.3094

Trichromacy



Original Color

57.4869, 0.2931, 0.3455

Protanomaly

57.2533, 0.3121, 0.3412

Deuteranomaly

56.8369, 0.3158, 0.3302

Tritanomaly

57.1364, 0.2847, 0.3215

Monochromacy



Original Color

57.4869, 0.2931, 0.3455

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.6878, 0.3055, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4869, 0.2931, 0.3455 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(169, 208, 195)` looks like.

```
.text, #text, p{  
    color:rgb(169, 208, 195)  
}
```

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(169, 208, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 208, 195) }
```

Border

The CSS property to change the border of an element to Yxy 57.4869, 0.2931, 0.3455 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(169, 208, 195) }
```

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

```
.border{ border-color:rgb(169, 208, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 208, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 208, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 208, 195);  
box-shadow:4px 4px 4px 4px rgb(169, 208,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4869, 0.2931, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 208, 195) }
```

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

```
.background{ background-color: rgb(169,  
208, 195) }
```

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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