

Converting Colors

Yxy(57.2024, 0.2852, 0.3505)

Have a look what the booklet for
Yxy(57.2024, 0.2852, 0.3505)
contains.

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Color

Yxy(57.0561, 0.2850, 0.3497)

Conversions

Conversions Part 1

Format	Color
Hex	9CD2C2
RGB	156, 210, 194
RGB Percent	61%, 82%, 76%
CMY	0.3881, 0.1765, 0.2392
CMYK	0.26, 0.00, 0.08, 0.18
HSL	162°, 37%, 72%
HSV	162°, 26%, 82%
XYZ	46.4998, 57.0561, 59.6014
YIQ	192.0300, -27.0480, -16.4240

Conversions

Conversions Part 2

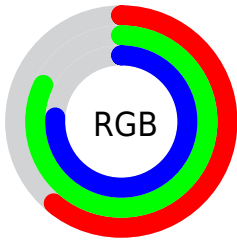
Format	Color
RYB	156, 188, 210
Decimal	10277570
CIELab	80.21, -20.72, 2.28
CIElCh	80, 20.848, 173.730
Yxy	57.0561, 0.2850, 0.3497
Android (android.graphics.Color)	4288467650 (0xFF9CD2C2)
YUV	192.0300, 0.9712, -31.5983
Hunter-Lab	75.5355, -22.3021, 6.0920

Details

The Yxy color **57.0561, 0.2850, 0.3497** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4710, 0.3510, 0.3093**, and the grayscale version is **52.7422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4192, 0.2898, 0.3341**, and **28.2197, 0.2778, 0.3556** is the 20% darker color. If you saturate the color by 10%, you get **54.8669, 0.2755, 0.3591**, and if you desaturate by 10%, it is **59.6239, 0.2954, 0.3410**.

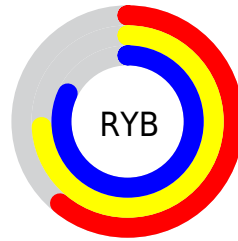
Distribution



Red (61%)

Green (82%)

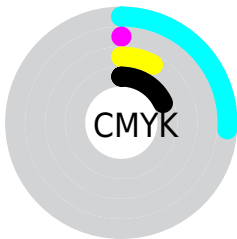
Blue (76%)



Red (61%)

Yellow (74%)

Blue (82%)

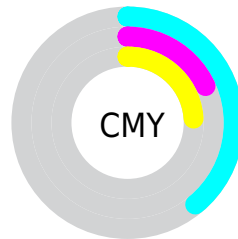


Cyan (26%)

Magenta (0%)

Yellow (8%)

Black (18%)



Cyan (39%)


Magenta (18%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0561, 0.2850, 0.3497 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 57.0561, 0.2850, 0.3497 by changing the saturation by 10% instead.

 57.0561, 0.2850,
0.3497


 57.0561, 0.2850,
0.3497


413.6595, 0.2984,
0.3396

 41.0503, 0.2818,
0.3521


 100.5470, 0.2898,
0.3461

 28.3584, 0.2777,
0.3553


 128.8010, 0.2916,
0.3447

 18.5960, 0.2724,
0.3593


161.9064, 0.2932,
0.3435

 11.3787, 0.2652,
0.3649

200.2476, 0.2945,
0.3425

 6.3222, 0.2549,
0.3729

244.2092, 0.2957,
0.3417

 3.0420, 0.2390,
0.3855

294.1754, 0.2967,

 1.1537, 0.2032,

0.3409

0.4123

350.5307, 0.2976,
0.3402

■ 0.0234, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0561, 0.2850,
0.3497

■ 57.0561, 0.2850,
0.3497

■ 54.8669, 0.2755,
0.3591

■ 59.6239, 0.2954,
0.3410

■ 53.0305, 0.2672,
0.3692

■ 62.5807, 0.3063,
0.3331


■ 51.5288, 0.2604,
0.3798


■ 65.9452, 0.3176,
0.3260


■ 50.3392, 0.2554,
0.3908

■ 69.7326, 0.3290,
0.3197

 49.4363, 0.2522,
0.4021


 72.7946, 0.3358,
0.3138


 48.7906, 0.2511,
0.4134


 73.1409, 0.3313,
0.3077

 48.3657, 0.2519,
0.4245

 73.4997, 0.3269,
0.3016

 48.2216, 0.2526,
0.4293

 73.8711, 0.3225,
0.2956

 74.2553, 0.3182,
0.2897

Harmonies

Analogous

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



57.0561, 0.3106, 0.3699



57.0561, 0.2850, 0.3497



57.0561, 0.2672, 0.3239

Triad

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



57.0561, 0.2850, 0.3497



57.0561, 0.2868, 0.2842



57.0561, 0.3670, 0.3536

Complementary

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



57.0561, 0.2850, 0.3497



40.4710, 0.3510, 0.3093

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.



57.0561, 0.3602, 0.3312



57.0561, 0.2850, 0.3497



57.0561, 0.3130, 0.2923

Square

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



57.0561, 0.2850, 0.3497



57.0561, 0.2683, 0.2870



57.0561, 0.3401, 0.3092



57.0561, 0.3584, 0.3709

Rectangle

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



57.0561, 0.2850, 0.3497



57.0561, 0.2618, 0.3078



57.0561, 0.3401, 0.3092



57.0561, 0.3664, 0.3464

Sweetspot

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



57.0584, 0.2850, 0.3497



95.9508, 0.3036, 0.3350



57.2894, 0.3213, 0.3992



20.3843, 0.3020, 0.3361



0.0000, 0.0000, 0.0000



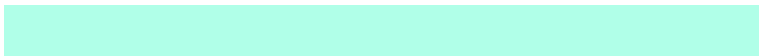
21.4041, 0.3127, 0.3290

Same Dimension

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



57.0584, 0.2850, 0.3497



86.5459, 0.2795, 0.3549



52.6661, 0.2740, 0.3150



13.3449, 0.3022, 0.3360



29.4340, 0.2521, 0.4277



1.6593, 0.2465, 0.4073

Inverse Universe

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



40.4710, 0.3510, 0.3093



56.4324, 0.3624, 0.3048



43.6781, 0.3637, 0.3426



11.8651, 0.3245, 0.3221



8.5871, 0.5758, 0.2946



0.4941, 0.5227, 0.2653

Previews

White Background



This preview shows how the Yxy color 57.0561, 0.2850, 0.3497 looks on a white background.

Color Contrast Check

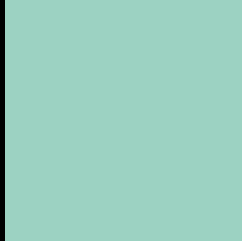
Large Text (above 18pt) WCAG AA × Fail

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 57.0561, 0.2850, 0.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

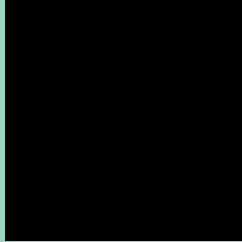
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

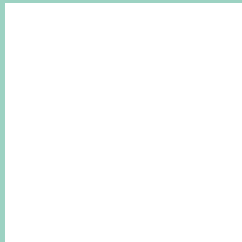
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0561, 0.2850, 0.3497

Background



This preview shows how black text looks on a background with the Yxy color 57.0561, 0.2850, 0.3497.



This preview shows how white text looks on a background with the Yxy color 57.0561, 0.2850, 0.3497.

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

57.0561, 0.2850, 0.3497

Protanopia

56.8134, 0.3257, 0.3422

Deuteranopia

56.5282, 0.3286, 0.3221



Tritanopia

57.0979, 0.2715, 0.3091

Trichromacy



Original Color

57.0561, 0.2850, 0.3497

Protanomaly

56.5236, 0.3097, 0.3439

Deuteranomaly

56.4802, 0.3110, 0.3314

Tritanomaly

56.8527, 0.2763, 0.3226

Monochromacy



Original Color

57.0561, 0.2850, 0.3497

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

54.2808, 0.3016, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0561, 0.2850, 0.3497 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(156, 210, 194)` looks like.

```
.text, #text, p{  
    color:rgb(156, 210, 194)  
}
```

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(156, 210, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 210, 194) }
```

Border

The CSS property to change the border of an element to Yxy 57.0561, 0.2850, 0.3497 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(156, 210, 194) }
```

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

```
.border{ border-color:rgb(156, 210, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 210, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 210, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 210, 194);  
box-shadow:4px 4px 4px 4px rgb(156, 210,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0561, 0.2850, 0.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 210, 194) }
```

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

```
.background{ background-color: rgb(156,  
210, 194) }
```

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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