

Converting Colors

Yxy(56.2443, 0.2887, 0.3511)

Have a look what the booklet for
Yxy(56.2443, 0.2887, 0.3511)
contains.

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Color

Yxy(56.2443, 0.2887, 0.3511)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9FD0BF |
| RGB | 159, 208, 191 |
| RGB Percent | 62%, 82%, 75% |
| CMY | 0.3767, 0.1842, 0.2510 |
| CMYK | 0.24, 0.00, 0.08, 0.18 |
| HSL | 159°, 34%, 72% |
| HSV | 159°, 24%, 82% |
| XYZ | 46.2482, 56.2443, 57.7021 |
| YIQ | 191.4110, -23.7470, -15.6750 |

Conversions

Conversions Part 2

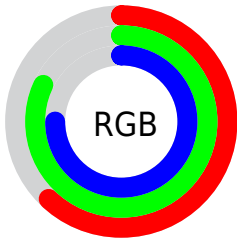
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 159, 189, 208 |
| Decimal | 10473663 |
| CIELab | 79.75, -19.46, 3.24 |
| CIELCh | 80, 19.727, 170.538 |
| Yxy | 56.2443, 0.2887, 0.3511 |
| Android (android.graphics.Color) | 4288663743 (0xFF9FD0BF) |
| YUV | 191.4110, -0.2026, -28.4244 |
| Hunter-Lab | 74.9962, -21.1671, 6.8796 |

Details

The Yxy color **56.2443, 0.2887, 0.3511** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.3224, 0.3447, 0.3080**, and the grayscale version is **52.3574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5315, 0.2925, 0.3372**, and **27.6816, 0.2816, 0.3556** is the 20% darker color. If you saturate the color by 10%, you get **53.9869, 0.2796, 0.3620**, and if you desaturate by 10%, it is **58.8799, 0.2986, 0.3411**.

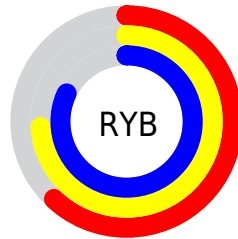
Distribution



Red (62%)

Green (82%)

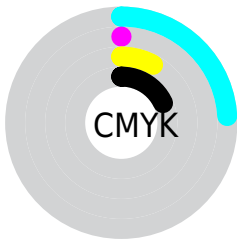
Blue (75%)



Red (62%)

Yellow (74%)

Blue (82%)

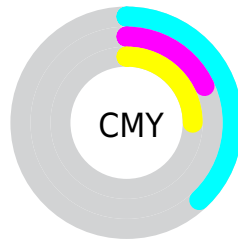


Cyan (24%)

Magenta (0%)

Yellow (8%)

Black (18%)



Cyan (38%)


Magenta (18%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.2443, 0.2887, 0.3511 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 56.2443, 0.2887, 0.3511 by changing the saturation by 10% instead.


 56.2443, 0.2887,
0.3511

 56.2443, 0.2887,
0.3511


410.6115, 0.3004,
0.3403

 40.3988, 0.2859,
0.3537


 99.3617, 0.2929,
0.3472

 27.8496, 0.2823,
0.3571


 127.4024, 0.2945,
0.3457

 18.2123, 0.2776,
0.3615


160.2769, 0.2958,
0.3445

 11.1025, 0.2712,
0.3676

198.3698, 0.2970,
0.3434

 6.1359, 0.2620,
0.3765

242.0652, 0.2980,
0.3425

 2.9279, 0.2477,
0.3906

291.7478, 0.2989,

 1.0942, 0.2125,

0.3416

0.4218

347.8017, 0.2997,
0.3409

0.0000, 0.0000,
0.0000

56.2443, 0.2887,
0.3511

56.2443, 0.2887,
0.3511

53.9869, 0.2796,
0.3620

58.8799, 0.2986,
0.3411

52.0824, 0.2715,
0.3738

61.9035, 0.3089,
0.3320

50.5137, 0.2648,
0.3863

65.3332, 0.3195,
0.3239

49.2590, 0.2598,
0.3993

69.1841, 0.3301,
0.3167

48.2940, 0.2567,
0.4126

71.9308, 0.3346,
0.3099

■ 47.5908, 0.2555,
0.4261

■ 72.3380, 0.3294,
0.3028

■ 47.1157, 0.2564,
0.4393

■ 72.7621, 0.3242,
0.2958

■ 46.8935, 0.2577,
0.4477

■ 73.2033, 0.3192,
0.2890

■ 73.6004, 0.3149,
0.2831

Harmonies

Analogous

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



56.2443, 0.3135, 0.3692



56.2443, 0.2887, 0.3511



56.2443, 0.2707, 0.3268

Triad

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



56.2443, 0.2887, 0.3511



56.2443, 0.2858, 0.2861



56.2443, 0.3643, 0.3504

Complementary

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



56.2443, 0.2887, 0.3511



41.3224, 0.3447, 0.3080

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.



56.2443, 0.3564, 0.3288



56.2443, 0.2887, 0.3511



56.2443, 0.3102, 0.2928

Square

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



56.2443, 0.2887, 0.3511



56.2443, 0.2691, 0.2899



56.2443, 0.3363, 0.3081



56.2443, 0.3577, 0.3676

Rectangle

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



56.2443, 0.2887, 0.3511



56.2443, 0.2647, 0.3112



56.2443, 0.3363, 0.3081



56.2443, 0.3633, 0.3434

Sweetspot

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



56.2466, 0.2887, 0.3511



96.3778, 0.3053, 0.3351



56.8656, 0.3226, 0.3925



20.5652, 0.3046, 0.3356



0.0000, 0.0000, 0.0000



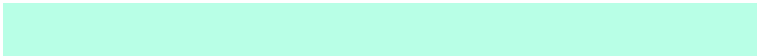
21.4041, 0.3127, 0.3290

Same Dimension

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



56.2466, 0.2887, 0.3511



87.3869, 0.2843, 0.3562



53.5333, 0.2774, 0.3194



13.3345, 0.3029, 0.3372



29.2399, 0.2572, 0.4458



1.6496, 0.2505, 0.4217

Inverse Universe

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



41.3224, 0.3447, 0.3080



59.9475, 0.3531, 0.3035



43.2967, 0.3592, 0.3383



11.8750, 0.3237, 0.3210



8.6673, 0.5572, 0.2843



0.4994, 0.5056, 0.2559

Previews

White Background



This preview shows how the Yxy color 56.2443, 0.2887, 0.3511 looks on a white background.

Color Contrast Check

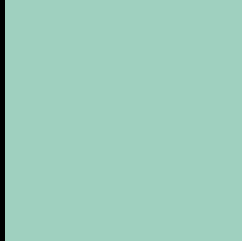
Large Text (above 18pt) WCAG AA × Fail

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 56.2443, 0.2887, 0.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

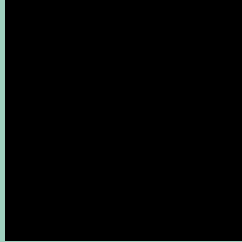
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

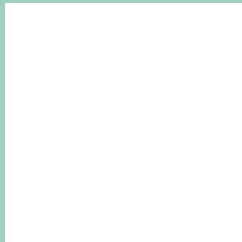
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.2443, 0.2887, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 56.2443, 0.2887, 0.3511.



This preview shows how white text looks on a background with the Yxy color 56.2443, 0.2887, 0.3511.

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

56.2443, 0.2887, 0.3511

Protanopia

55.8200, 0.3274, 0.3423

Deuteranopia

55.9534, 0.3311, 0.3244



Tritanopia

56.3524, 0.2744, 0.3091

Trichromacy



Original Color

56.2443, 0.2887, 0.3511

Protanomaly

55.5878, 0.3127, 0.3452

Deuteranomaly

55.5633, 0.3141, 0.3327

Tritanomaly

56.0526, 0.2799, 0.3238

Monochromacy



Original Color

56.2443, 0.2887, 0.3511

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.2778, 0.3030, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2443, 0.2887, 0.3511 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(159, 208, 191)` looks like.

```
.text, #text, p{  
    color:rgb(159, 208, 191)  
}
```

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(159, 208, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 208, 191) }
```

Border

The CSS property to change the border of an element to Yxy 56.2443, 0.2887, 0.3511 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(159, 208, 191) }
```

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

```
.border{ border-color:rgb(159, 208, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 208, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 208, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 208, 191);  
box-shadow:4px 4px 4px 4px rgb(159, 208,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2443, 0.2887, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 208, 191) }
```

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

```
.background{ background-color: rgb(159,  
208, 191) }
```

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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