

Converting Colors

$Yxy(56.7448, 0.2969, 0.3479)$

Have a look what the booklet for
Yxy(56.7448, 0.2969, 0.3479)
contains.

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Color

Yxy(56.5621, 0.2971, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	ABCEBF
RGB	171, 206, 191
RGB Percent	67%, 81%, 75%
CMY	0.3292, 0.1922, 0.2511
CMYK	0.17, 0.00, 0.07, 0.19
HSL	154°, 26%, 74%
HSV	154°, 17%, 81%
XYZ	48.2752, 56.5621, 57.6508
YIQ	193.8250, -16.0450, -12.0850

Conversions

Conversions Part 2

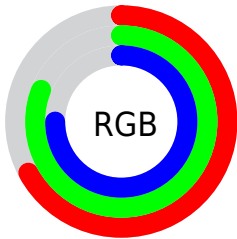
Format	Color
RYB	171, 193, 206
Decimal	11259583
CIELab	79.93, -14.57, 3.60
CIELCh	80, 15.010, 166.118
Yxy	56.5621, 0.2971, 0.3481
Android (android.graphics.Color)	4289449663 (0xFFABCEBF)
YUV	193.8250, -1.3927, -20.0175
Hunter-Lab	75.2078, -17.0360, 7.1965

Details

The Yxy color **56.5621, 0.2971, 0.3481** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.8125, 0.3316, 0.3107**, and the grayscale version is **53.8604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5663, 0.3002, 0.3370**, and **28.1430, 0.2923, 0.3532** is the 20% darker color. If you saturate the color by 10%, you get **54.0499, 0.2885, 0.3610**, and if you desaturate by 10%, it is **59.4632, 0.3062, 0.3364**.

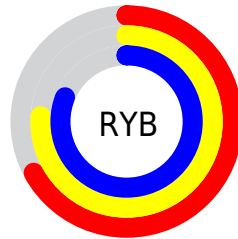
Distribution



Red (67%)

Green (81%)

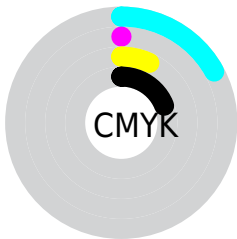
Blue (75%)



Red (67%)

Yellow (76%)

Blue (81%)

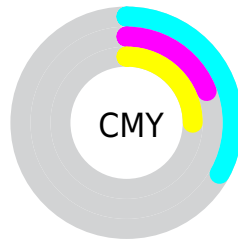


Cyan (17%)

Magenta (0%)

Yellow (7%)

Black (19%)



Cyan (33%)


Magenta (19%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5621, 0.2971, 0.3481 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 56.5621, 0.2971, 0.3481 by changing the saturation by 10% instead.


 56.5621, 0.2971,
0.3481

 56.5621, 0.2971,
0.3481


411.8064, 0.3047,
0.3387

 40.6538, 0.2953,
0.3504


 99.8260, 0.2998,
0.3447

 28.0486, 0.2929,
0.3533


127.9503, 0.3009,
0.3435

 18.3623, 0.2898,
0.3571


160.9154, 0.3017,
0.3424

 11.2104, 0.2857,
0.3624

199.1056, 0.3025,
0.3415

 6.2086, 0.2796,
0.3700

242.9055, 0.3032,
0.3406

 2.9723, 0.2701,
0.3822

292.6993, 0.3037,

 1.1173, 0.2505,

0.3399

0.4060

348.8715, 0.3043,
0.3393

0.0000, 0.0000,
0.0000

56.5621, 0.2971,
0.3481

56.5621, 0.2971,
0.3481

54.0499, 0.2885,
0.3610

59.4632, 0.3062,
0.3364

51.9023, 0.2806,
0.3751

62.7619, 0.3156,
0.3260

50.1034, 0.2737,
0.3902

66.4757, 0.3249,
0.3166

48.6331, 0.2683,
0.4062

70.6189, 0.3342,
0.3084

47.4693, 0.2646,
0.4229

71.4123, 0.3289,
0.2998

■ 46.5870, 0.2628,
0.4397

■ 71.9374, 0.3226,
0.2913

■ 45.9572, 0.2630,
0.4564

■ 72.4883, 0.3164,
0.2830

■ 45.5412, 0.2651,
0.4726

■ 72.6206, 0.3150,
0.2811

■ 45.4365, 0.2660,
0.4775

Harmonies

Analogous

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



56.5621, 0.3165, 0.3605



56.5621, 0.2971, 0.3481



56.5621, 0.2822, 0.3303

Triad

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



56.5621, 0.2971, 0.3481



56.5621, 0.2899, 0.2960



56.5621, 0.3516, 0.3433

Complementary

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



56.5621, 0.2971, 0.3481



45.8125, 0.3316, 0.3107

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.



56.5621, 0.3440, 0.3266



56.5621, 0.2971, 0.3481



56.5621, 0.3080, 0.2999

Square

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



56.5621, 0.2971, 0.3481



56.5621, 0.2782, 0.3004



56.5621, 0.3279, 0.3109



56.5621, 0.3483, 0.3570

Rectangle

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



56.5621, 0.2971, 0.3481



56.5621, 0.2766, 0.3182



56.5621, 0.3279, 0.3109



56.5621, 0.3502, 0.3379

Sweetspot

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



56.5645, 0.2971, 0.3481



97.3137, 0.3080, 0.3343



57.5457, 0.3222, 0.3729



20.7512, 0.3073, 0.3351



0.0000, 0.0000, 0.0000



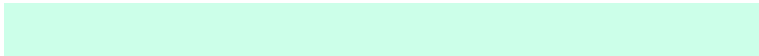
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5645, 0.2971, 0.3481



90.2456, 0.2942, 0.3522



56.1463, 0.2872, 0.3260



12.6424, 0.3040, 0.3391



27.9994, 0.2653, 0.4751



1.4595, 0.2565, 0.4435

Inverse Universe

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



45.8125, 0.3316, 0.3107



69.9319, 0.3360, 0.3069



46.0951, 0.3444, 0.3320



11.2924, 0.3224, 0.3191



8.5377, 0.5237, 0.2659



0.4556, 0.4744, 0.2387

Previews

White Background



This preview shows how the Yxy color 56.5621, 0.2971, 0.3481 looks on a white background.

Color Contrast Check

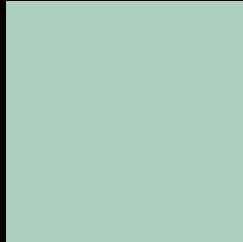
Large Text (above 18pt) WCAG AA × Fail

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 56.5621, 0.2971, 0.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

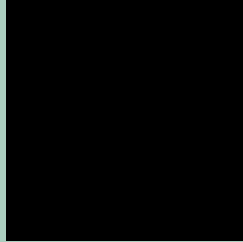
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5621, 0.2971, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 56.5621, 0.2971, 0.3481.



This preview shows how white text looks on a background with the Yxy color 56.5621, 0.2971, 0.3481.

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

56.5621, 0.2971, 0.3481

Protanopia

56.3150, 0.3266, 0.3423

Deuteranopia

56.0621, 0.3327, 0.3256



Tritanopia

56.5331, 0.2828, 0.3094

Trichromacy



Original Color

56.5621, 0.2971, 0.3481

Protanomaly

56.1459, 0.3152, 0.3438

Deuteranomaly

55.7476, 0.3189, 0.3326

Tritanomaly

56.2646, 0.2879, 0.3227

Monochromacy



Original Color

56.5621, 0.2971, 0.3481

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.6775, 0.3070, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5621, 0.2971, 0.3481 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(171, 206, 191)` looks like.

```
.text, #text, p{  
    color:rgb(171, 206, 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(171, 206, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 206, 191) }
```

Border

The CSS property to change the border of an element to Yxy 56.5621, 0.2971, 0.3481 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(171, 206, 191) }
```

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

```
.border{ border-color:rgb(171, 206, 191) }
```

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

Here you see how a box with a 4 pixel rgb(171, 206, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 206, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 206, 191);  
box-shadow:4px 4px 4px 4px rgb(171, 206,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5621, 0.2971, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 206, 191) }
```

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

```
.background{ background-color: rgb(171,  
206, 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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