

Converting Colors

$Yxy(53.9997, 0.2701, 0.3289)$

Have a look what the booklet for
Yxy(53.9997, 0.2701, 0.3289)
contains.

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Color

Yxy(53.9997, 0.2701, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	90CDCD
RGB	144, 205, 205
RGB Percent	56%, 80%, 80%
CMY	0.4355, 0.1960, 0.1961
CMYK	0.30, 0.00, 0.00, 0.20
HSL	180°, 38%, 68%
HSV	180°, 30%, 80%
XYZ	44.3458, 53.9997, 65.8373
YIQ	186.7610, -36.3560, -12.9320

Conversions

Conversions Part 2

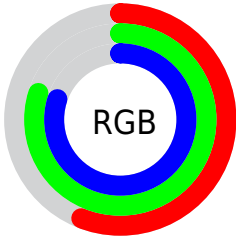
Format	Color
RYB	144, 175, 205
Decimal	9489869
CIELab	78.46, -19.36, -6.26
CIELCh	78, 20.348, 197.910
Yxy	53.9997, 0.2701, 0.3289
Android (android.graphics.Color)	4287679949 (0xFF90CDCD)
YUV	186.7610, 8.9918, -37.5014
Hunter-Lab	73.4845, -20.8783, -1.6808

Details

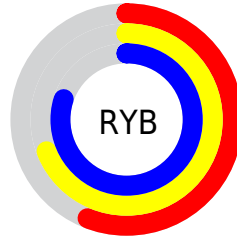
The Yxy color **53.9997, 0.2701, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.9281, 0.3787, 0.3292**, and the grayscale version is **49.5122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **26.5917, 0.2593, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **52.3207, 0.2583, 0.3289**, and if you desaturate by 10%, it is **56.0182, 0.2834, 0.3289**.

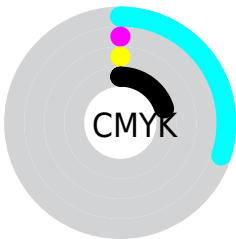
Distribution



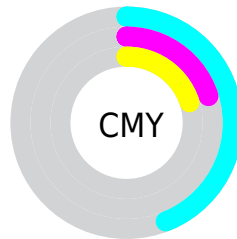
- Red (56%)
- Green (80%)
- Blue (80%)



- Red (56%)
- Yellow (69%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)




- Cyan (44%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9997, 0.2701, 0.3289 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 53.9997, 0.2701, 0.3289 by changing the saturation by 10% instead.


 53.9997, 0.2701,
0.3289


 53.9997, 0.2701,
0.3289


402.1089, 0.2906,
0.3293

 38.6014, 0.2652,
0.3287

 96.0738, 0.2774,
0.3291

 26.4498, 0.2590,
0.3285


 123.5184, 0.2802,
0.3292

 17.1604, 0.2510,
0.3280


155.7473, 0.2826,
0.3292

 10.3489, 0.2403,
0.3273

193.1448, 0.2846,
0.3292

 5.6309, 0.2250,
0.3259

236.0953, 0.2864,
0.3292

 2.6220, 0.2020,
0.3231

284.9832, 0.2880,

 0.9377, 0.1439,

0.3292

0.3232

340.1929, 0.2894,
0.3293

0.0000, 0.0000,
0.0000

53.9997, 0.2701,
0.3289

53.9997, 0.2701,
0.3289

52.3207, 0.2583,
0.3289

56.0182, 0.2834,
0.3289

50.9566, 0.2481,
0.3289

58.3865, 0.2978,
0.3290

49.8895, 0.2397,
0.3288

61.1224, 0.3131,
0.3290

49.0975, 0.2333,
0.3288

64.2406, 0.3289,
0.3290

48.5553, 0.2288,
0.3288

67.7551, 0.3450,
0.3291

■ 48.2331, 0.2260,
0.3288

■ 69.3383, 0.3517,
0.3291

■ 48.0768, 0.2247,
0.3288

■ 69.3387, 0.3517,
0.3291

■ 48.0739, 0.2247,
0.3288

■ 69.3390, 0.3517,
0.3291

■ 69.3394, 0.3517,
0.3291

Harmonies

Analogous

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



53.9997, 0.2897, 0.3542



53.9997, 0.2701, 0.3289



53.9997, 0.2617, 0.3050

Triad

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



53.9997, 0.2701, 0.3289



53.9997, 0.3076, 0.2902



53.9997, 0.3609, 0.3680

Complementary

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



53.9997, 0.2701, 0.3289



34.9281, 0.3787, 0.3292

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.



53.9997, 0.3666, 0.3494



53.9997, 0.2701, 0.3289



53.9997, 0.3351, 0.3055

Square

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



53.9997, 0.2701, 0.3289



53.9997, 0.2827, 0.2841



53.9997, 0.3570, 0.3267



53.9997, 0.3421, 0.3771

Rectangle

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



53.9997, 0.2701, 0.3289



53.9997, 0.2633, 0.2932



53.9997, 0.3570, 0.3267



53.9997, 0.3644, 0.3626

Sweetspot

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



54.0019, 0.2701, 0.3289



95.9037, 0.2988, 0.3290



51.6989, 0.3094, 0.4151



20.3958, 0.2966, 0.3290



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.



54.0019, 0.2701, 0.3289



86.5456, 0.2620, 0.3289



41.1903, 0.2656, 0.2883



12.7270, 0.2984, 0.3290



29.9235, 0.2247, 0.3288



1.5437, 0.2247, 0.3288

Inverse Universe

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



34.9281, 0.3787, 0.3292



50.1781, 0.4003, 0.3292



45.0605, 0.3679, 0.3664



11.2137, 0.3290, 0.3290



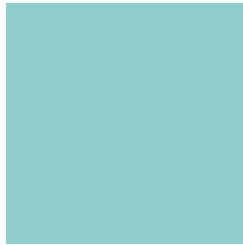
8.0801, 0.6400, 0.3299



0.4169, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 53.9997, 0.2701, 0.3289 looks on a white background.

Color Contrast Check

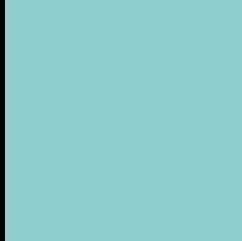
Large Text (above 18pt) WCAG AA × Fail

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 53.9997, 0.2701, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

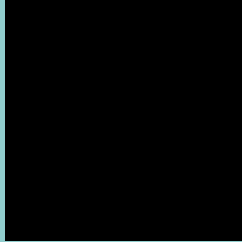
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

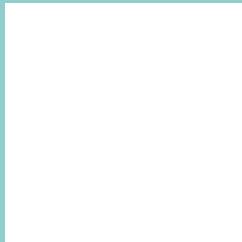
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9997, 0.2701, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 53.9997, 0.2701, 0.3289.



This preview shows how white text looks on a background with the Yxy color 53.9997, 0.2701, 0.3289.

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

53.9997, 0.2701, 0.3289

Protanopia

53.4663, 0.3122, 0.3229

Deuteranopia

53.5490, 0.3106, 0.3043



Tritanopia

54.0294, 0.2635, 0.3084

Trichromacy



Original Color

53.9997, 0.2701, 0.3289

Protanomaly

53.4497, 0.2952, 0.3252

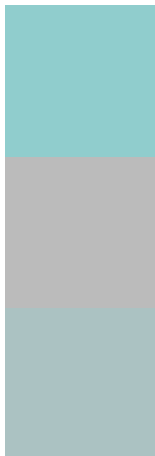
Deuteranomaly

53.2049, 0.2941, 0.3117

Tritanomaly

54.1518, 0.2659, 0.3159

Monochromacy



Original Color

53.9997, 0.2701, 0.3289

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

51.1365, 0.2948, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9997, 0.2701, 0.3289 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(144, 205, 205)` looks like.

```
.text, #text, p{  
    color:rgb(144, 205, 205)  
}
```

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(144, 205, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 205, 205) }
```

Border

The CSS property to change the border of an element to Yxy 53.9997, 0.2701, 0.3289 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(144, 205, 205) }
```

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

```
.border{ border-color:rgb(144, 205, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 205, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 205, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 205, 205);  
box-shadow:4px 4px 4px 4px rgb(144, 205,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9997, 0.2701, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 205, 205) }
```

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

```
.background{ background-color: rgb(144,  
205, 205) }
```

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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