

Converting Colors

Yxy(53.4712, 0.2818, 0.3565)

Have a look what the booklet for
Yxy(53.4712, 0.2818, 0.3565)
contains.

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Color

Yxy(53.5747, 0.2824, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	90CEB9
RGB	144, 206, 185
RGB Percent	56%, 81%, 73%
CMY	0.4352, 0.1922, 0.2746
CMYK	0.30, 0.00, 0.10, 0.19
HSL	160°, 39%, 69%
HSV	160°, 30%, 81%
XYZ	42.3321, 53.5747, 53.9944
YIQ	185.0680, -30.2110, -19.6750

Conversions

Conversions Part 2

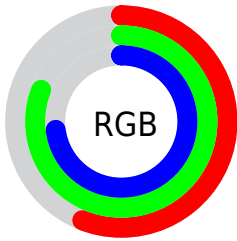
Format	Color
RYB	144, 181, 206
Decimal	9490105
CIELab	78.21, -24.25, 4.13
CIELCh	78, 24.601, 170.331
Yxy	53.5747, 0.2824, 0.3574
Android (android.graphics.Color)	4287680185 (0xFF90CEB9)
YUV	185.0680, -0.0335, -36.0166
Hunter-Lab	73.1947, -24.8555, 7.4992

Details

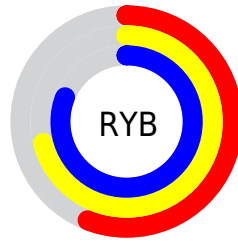
The Yxy color **53.5747, 0.2824, 0.3574** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.7981, 0.3569, 0.3025**, and the grayscale version is **48.5724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0130, 0.2872, 0.3438**, and **26.0233, 0.2738, 0.3645** is the 20% darker color. If you saturate the color by 10%, you get **51.5996, 0.2739, 0.3686**, and if you desaturate by 10%, it is **55.9072, 0.2919, 0.3471**.

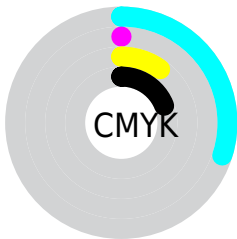
Distribution



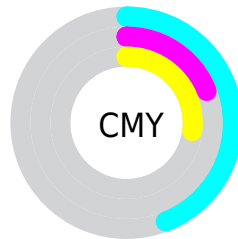
- Red (56%)
- Green (81%)
- Blue (73%)



- Red (56%)
- Yellow (71%)
- Blue (81%)



- Cyan (30%)
- Magenta (0%)
- Yellow (10%)
- Black (19%)




- Cyan (44%)
- Magenta (19%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5747, 0.2824, 0.3574 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 53.5747, 0.2824, 0.3574 by changing the saturation by 10% instead.


 53.5747, 0.2824,
0.3574


 53.5747, 0.2824,
0.3574

400.4861, 0.2973,
0.3433

 38.2617, 0.2788,
0.3609


 95.4495, 0.2878,
0.3523

 26.1859, 0.2741,
0.3654


 122.7801, 0.2898,
0.3504

 16.9628, 0.2680,
0.3713


154.8855, 0.2915,
0.3487

 10.2079, 0.2597,
0.3795

192.1499, 0.2930,
0.3473

 5.5371, 0.2475,
0.3917

234.9577, 0.2943,
0.3461

 2.5657, 0.2282,
0.4115

283.6935, 0.2954,

 0.9094, 0.1446,

0.3451

0.4830

338.7415, 0.2964,
0.3441

0.0000, 0.0000,
0.0000

53.5747, 0.2824,
0.3574

53.5747, 0.2824,
0.3574

51.5996, 0.2739,
0.3686

55.9072, 0.2919,
0.3471

49.9566, 0.2666,
0.3805

58.6077, 0.3021,
0.3376

48.6276, 0.2609,
0.3931


61.6945, 0.3126,
0.3291


47.5899, 0.2570,
0.4060


65.1827, 0.3234,
0.3214


46.8176, 0.2551,
0.4191

69.0866, 0.3341,
0.3147

 46.2803, 0.2552,
0.4321

 70.9438, 0.3350,
0.3080

 45.9231, 0.2569,
0.4448

 71.3375, 0.3299,
0.3011

 71.7470, 0.3248,
0.2944

 72.1726, 0.3199,
0.2877

Harmonies

Analogous

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



53.5747, 0.3136, 0.3808



53.5747, 0.2824, 0.3574



53.5747, 0.2600, 0.3260

Triad

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



53.5747, 0.2824, 0.3574



53.5747, 0.2785, 0.2752



53.5747, 0.3782, 0.3551

Complementary

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



53.5747, 0.2824, 0.3574



35.7981, 0.3569, 0.3025

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.



53.5747, 0.3681, 0.3281



53.5747, 0.2824, 0.3574



53.5747, 0.3091, 0.2836

Square

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



53.5747, 0.2824, 0.3574



53.5747, 0.2579, 0.2797



53.5747, 0.3422, 0.3026



53.5747, 0.3697, 0.3773

Rectangle

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



53.5747, 0.2824, 0.3574



53.5747, 0.2525, 0.3062



53.5747, 0.3422, 0.3026



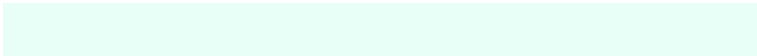
53.5747, 0.3769, 0.3463

Sweetspot

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



53.5769, 0.2824, 0.3574



95.4127, 0.3031, 0.3367



54.2344, 0.3250, 0.4120



20.2741, 0.3015, 0.3381



0.0000, 0.0000, 0.0000



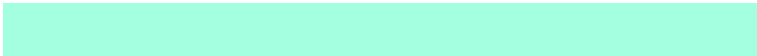
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5769, 0.2824, 0.3574



84.7015, 0.2768, 0.3644



50.1876, 0.2683, 0.3165



12.6598, 0.3028, 0.3370



28.2968, 0.2564, 0.4429



1.4736, 0.2494, 0.4179

Inverse Universe

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



35.7981, 0.3569, 0.3025



51.4362, 0.3700, 0.2967



38.0274, 0.3761, 0.3411



11.2754, 0.3238, 0.3212



8.3679, 0.5598, 0.2857



0.4458, 0.5045, 0.2553

Previews

White Background



This preview shows how the Yxy color 53.5747, 0.2824, 0.3574 looks on a white background.

Color Contrast Check

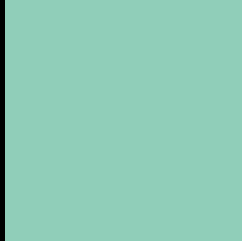
Large Text (above 18pt) WCAG AA × Fail

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 53.5747, 0.2824, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

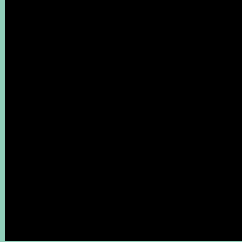
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5747, 0.2824, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 53.5747, 0.2824, 0.3574.

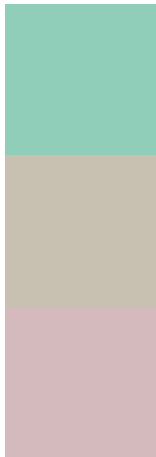


This preview shows how white text looks on a background with the Yxy color 53.5747, 0.2824, 0.3574.

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

53.5747, 0.2824, 0.3574

Protanopia

53.1530, 0.3309, 0.3475

Deuteranopia

52.9381, 0.3332, 0.3255



Tritanopia

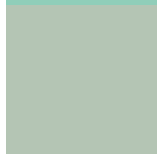
53.3624, 0.2668, 0.3084

Trichromacy



Original Color

53.5747, 0.2824, 0.3574



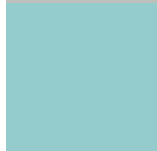
Protanomaly

52.9311, 0.3117, 0.3508



Deuteranomaly

52.4621, 0.3124, 0.3353



Tritanomaly

53.4155, 0.2723, 0.3263

Monochromacy



Original Color

53.5747, 0.2824, 0.3574



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

50.1888, 0.3004, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5747, 0.2824, 0.3574 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, 206, 185)` looks like.

```
.text, #text, p{  
    color:rgb(144, 206, 185)  
}
```

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, 206, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 206, 185) }
```

Border

The CSS property to change the border of an element to Yxy 53.5747, 0.2824, 0.3574 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, 206, 185) }
```

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

```
.border{ border-color:rgb(144, 206, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 206, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 206, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 206, 185);  
box-shadow:4px 4px 4px 4px rgb(144, 206,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5747, 0.2824, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 206, 185) }
```

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

```
.background{ background-color: rgb(144,  
206, 185) }
```

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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