

Converting Colors

$Yxy(54.2278, 0.2764, 0.3398)$

Have a look what the booklet for
Yxy(54.2278, 0.2764, 0.3398)
contains.

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Color

Yxy(54.3769, 0.2769, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	93CEC5
RGB	147, 206, 197
RGB Percent	58%, 81%, 77%
CMY	0.4236, 0.1921, 0.2274
CMYK	0.29, 0.00, 0.04, 0.19
HSL	171°, 38%, 69%
HSV	171°, 29%, 81%
XYZ	44.1812, 54.3769, 60.9985
YIQ	187.3330, -32.2750, -15.3070

Conversions

Conversions Part 2

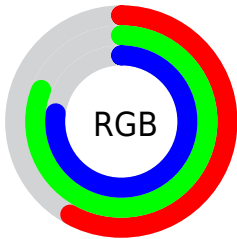
Format	Color
R_{YB}	147, 179, 206
Decimal	9686725
CIE _{Lab}	78.68, -20.79, -1.63
CIE _{LCh}	79, 20.852, 184.483
Yxy	54.3769, 0.2769, 0.3408
Android (android.graphics.Color)	4287876805 (0xFF93CEC5)
YUV	187.3330, 4.7658, -35.3720
Hunter-Lab	73.7407, -22.0992, 2.5736

Details

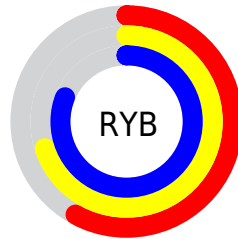
The Yxy color **54.3769, 0.2769, 0.3408** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.3858, 0.3657, 0.3177**, and the grayscale version is **49.8781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2323, 0.2821, 0.3300**, and **26.8193, 0.2678, 0.3452** is the 20% darker color. If you saturate the color by 10%, you get **52.4999, 0.2663, 0.3456**, and if you desaturate by 10%, it is **56.6023, 0.2887, 0.3364**.

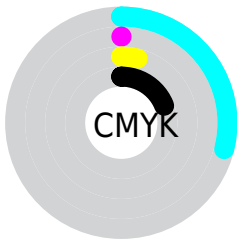
Distribution



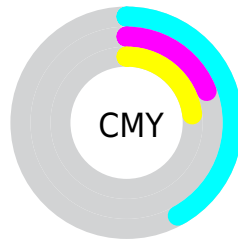
- Red (58%)
- Green (81%)
- Blue (77%)



- Red (58%)
- Yellow (70%)
- Blue (81%)



- Cyan (29%)
- Magenta (0%)
- Yellow (4%)
- Black (19%)



- Cyan (42%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3769, 0.2769, 0.3408 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 54.3769, 0.2769, 0.3408 by changing the saturation by 10% instead.

 54.3769, 0.2769,
0.3408


 54.3769, 0.2769,
0.3408


403.5456, 0.2943,
0.3352

 38.9031, 0.2727,
0.3421

 96.6274, 0.2831,
0.3388

 26.6843, 0.2675,
0.3438

 124.1729, 0.2854,
0.3380

 17.3363, 0.2606,
0.3459


156.5110, 0.2875,
0.3374

 10.4745, 0.2513,
0.3488

194.0262, 0.2892,
0.3368

 5.7147, 0.2381,
0.3528

237.1029, 0.2907,
0.3363

 2.6724, 0.2176,
0.3588

286.1254, 0.2920,

 0.9632, 0.1596,

0.3359

0.3787

341.4782, 0.2932,
0.3355

0.0000, 0.0000,
0.0000

54.3769, 0.2769,
0.3408

54.3769, 0.2769,
0.3408

52.4999, 0.2663,
0.3456

56.6023, 0.2887,
0.3364

50.9465, 0.2571,
0.3506

59.1864, 0.3013,
0.3323

49.6989, 0.2497,
0.3558

62.1471, 0.3145,
0.3285

48.7351, 0.2440,
0.3612

65.4992, 0.3281,
0.3252

48.0299, 0.2403,
0.3666

69.2567, 0.3417,
0.3222

■ 47.5538, 0.2385,
0.3720

■ 70.3551, 0.3433,
0.3191

■ 47.2603, 0.2383,
0.3774

■ 70.5189, 0.3409,
0.3159

■ 47.2256, 0.2384,
0.3781

■ 70.6857, 0.3386,
0.3128

■ 70.8557, 0.3362,
0.3096

Harmonies

Analogous

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



54.3769, 0.3007, 0.3645



54.3769, 0.2769, 0.3408



54.3769, 0.2629, 0.3147

Triad

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



54.3769, 0.2769, 0.3408



54.3769, 0.2953, 0.2853



54.3769, 0.3665, 0.3612

Complementary

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



54.3769, 0.2769, 0.3408



36.3858, 0.3657, 0.3177

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.



54.3769, 0.3653, 0.3396



54.3769, 0.2769, 0.3408



54.3769, 0.3232, 0.2970

Square

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



54.3769, 0.2769, 0.3408



54.3769, 0.2731, 0.2839



54.3769, 0.3492, 0.3165



54.3769, 0.3527, 0.3756

Rectangle

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



54.3769, 0.2769, 0.3408



54.3769, 0.2605, 0.3000



54.3769, 0.3492, 0.3165



54.3769, 0.3678, 0.3545

Sweetspot

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



54.3791, 0.2769, 0.3408



95.6810, 0.3007, 0.3324



53.4019, 0.3161, 0.4097



20.3405, 0.2988, 0.3330



0.0000, 0.0000, 0.0000



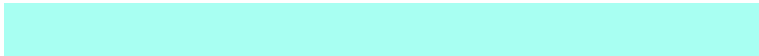
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3791, 0.2769, 0.3408



86.2761, 0.2706, 0.3435



45.9167, 0.2687, 0.3024



12.6965, 0.3003, 0.3325



29.0899, 0.2381, 0.3773



1.5089, 0.2352, 0.3668

Inverse Universe

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



36.3858, 0.3657, 0.3177



52.7333, 0.3808, 0.3153



42.7419, 0.3684, 0.3540



11.2411, 0.3266, 0.3255



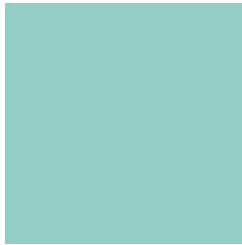
8.1513, 0.6174, 0.3175



0.4296, 0.5694, 0.2910

Previews

White Background



This preview shows how the Yxy color 54.3769, 0.2769, 0.3408 looks on a white background.

Color Contrast Check

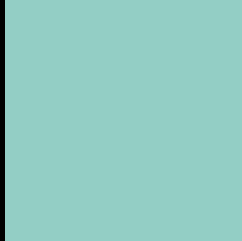
Large Text (above 18pt) WCAG AA × Fail

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 54.3769, 0.2769, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

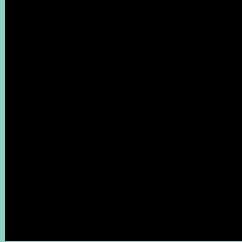
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

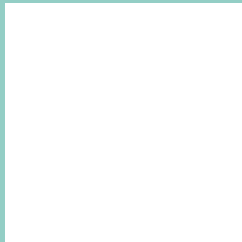
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3769, 0.2769, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 54.3769, 0.2769, 0.3408.



This preview shows how white text looks on a background with the Yxy color 54.3769, 0.2769, 0.3408.

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

54.3769, 0.2769, 0.3408

Protanopia

53.8634, 0.3190, 0.3327

Deuteranopia

53.8851, 0.3209, 0.3138



Tritanopia

54.5017, 0.2666, 0.3085

Trichromacy



Original Color

54.3769, 0.2769, 0.3408

Protanomaly

53.8221, 0.3016, 0.3353

Deuteranomaly

53.7651, 0.3028, 0.3228

Tritanomaly

54.3729, 0.2702, 0.3198

Monochromacy



Original Color

54.3769, 0.2769, 0.3408

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

51.1158, 0.2976, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3769, 0.2769, 0.3408 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(147, 206, 197)` looks like.

```
.text, #text, p{  
    color:rgb(147, 206, 197)  
}
```

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(147, 206, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 206, 197) }
```

Border

The CSS property to change the border of an element to Yxy 54.3769, 0.2769, 0.3408 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(147, 206, 197) }
```

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

```
.border{ border-color:rgb(147, 206, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 206, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 206, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 206, 197); box-shadow:4px 4px 4px 4px rgb(147, 206, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3769, 0.2769, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 206, 197) }
```

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

```
.background{ background-color: rgb(147,  
206, 197) }
```

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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