

Converting Colors

$Yxy(54.5619, 0.2764, 0.3383)$

Have a look what the booklet for
Yxy(54.5619, 0.2764, 0.3383)
contains.

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Color

Yxy(54.5620, 0.2763, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	94CEC7
RGB	148, 206, 199
RGB Percent	58%, 81%, 78%
CMY	0.4198, 0.1921, 0.2195
CMYK	0.28, 0.00, 0.03, 0.19
HSL	173°, 37%, 69%
HSV	173°, 28%, 81%
XYZ	44.5888, 54.5620, 62.2275
YIQ	187.8600, -32.3210, -14.4730

Conversions

Conversions Part 2

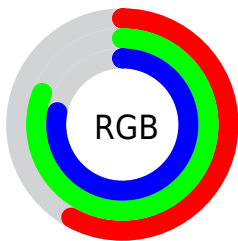
Format	Color
RYB	148, 179, 206
Decimal	9752263
CIELab	78.79, -20.06, -2.54
CIELCh	79, 20.224, 187.229
Yxy	54.5620, 0.2763, 0.3381
Android (android.graphics.Color)	4287942343 (0xFF94CEC7)
YUV	187.8600, 5.4920, -34.9572
Hunter-Lab	73.8661, -21.5152, 1.7582

Details

The Yxy color **54.5620, 0.2763, 0.3381** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.6545, 0.3665, 0.3202**, and the grayscale version is **50.1848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **26.9337, 0.2670, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **52.6974, 0.2653, 0.3418**, and if you desaturate by 10%, it is **56.7747, 0.2885, 0.3346**.

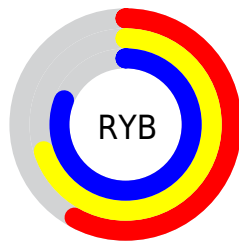
Distribution



Red (58%)

Green (81%)

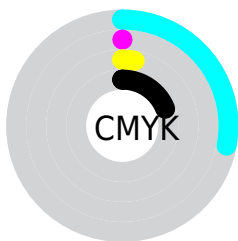
Blue (78%)



Red (58%)

Yellow (70%)

Blue (81%)

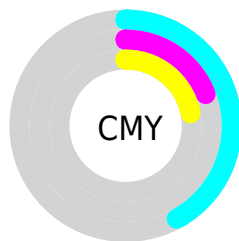


Cyan (28%)

Magenta (0%)

Yellow (3%)

Black (19%)



Cyan (42%)


Magenta (19%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5620, 0.2763, 0.3381 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 54.5620, 0.2763, 0.3381 by changing the saturation by 10% instead.


 54.5620, 0.2763,
0.3381


 54.5620, 0.2763,
0.3381


404.2495, 0.2939,
0.3338

 39.0512, 0.2721,
0.3391


 96.8989, 0.2826,
0.3366

 26.7995, 0.2668,
0.3403


 124.4938, 0.2850,
0.3360

 17.4227, 0.2598,
0.3419


156.8854, 0.2870,
0.3355

 10.5363, 0.2505,
0.3439

194.4583, 0.2888,
0.3351

 5.7560, 0.2371,
0.3467

237.5967, 0.2903,
0.3347

 2.6973, 0.2167,
0.3507

286.6851, 0.2916,

 0.9758, 0.1626,

0.3344

0.3648

342.1079, 0.2928,
0.3341

0.0000, 0.0000,
0.0000

54.5620, 0.2763,
0.3381

54.5620, 0.2763,
0.3381

52.6974, 0.2653,
0.3418

56.7747, 0.2885,
0.3346

51.1563, 0.2558,
0.3457

59.3457, 0.3015,
0.3314

49.9208, 0.2480,
0.3498

62.2929, 0.3152,
0.3285

48.9691, 0.2421,
0.3540

65.6311, 0.3293,
0.3259

48.2763, 0.2380,
0.3582

69.3743, 0.3435,
0.3235

■ 47.8130, 0.2359,
0.3623

■ 70.2576, 0.3447,
0.3211

■ 47.5355, 0.2354,
0.3665

■ 70.3852, 0.3429,
0.3185

■ 47.4927, 0.2354,
0.3672

■ 70.5148, 0.3410,
0.3160

■ 70.6462, 0.3391,
0.3136

Harmonies

Analogous

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



54.5620, 0.2987, 0.3615



54.5620, 0.2763, 0.3381



54.5620, 0.2637, 0.3130

Triad

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



54.5620, 0.2763, 0.3381



54.5620, 0.2982, 0.2872



54.5620, 0.3641, 0.3619

Complementary

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



54.5620, 0.2763, 0.3381



36.6545, 0.3665, 0.3202

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.



54.5620, 0.3643, 0.3414



54.5620, 0.2763, 0.3381



54.5620, 0.3254, 0.2994

Square

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



54.5620, 0.2763, 0.3381



54.5620, 0.2759, 0.2849



54.5620, 0.3499, 0.3189



54.5620, 0.3497, 0.3748

Rectangle

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



54.5620, 0.2763, 0.3381



54.5620, 0.2622, 0.2993



54.5620, 0.3499, 0.3189



54.5620, 0.3659, 0.3556

Sweetspot

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



54.5642, 0.2763, 0.3381



96.1770, 0.3017, 0.3314



53.3223, 0.3147, 0.4085



20.4416, 0.2996, 0.3319



0.0000, 0.0000, 0.0000



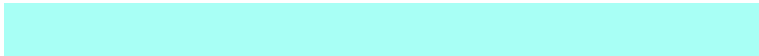
21.4041, 0.3127, 0.3290

Same Dimension

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



54.5642, 0.2763, 0.3381



86.4438, 0.2693, 0.3404



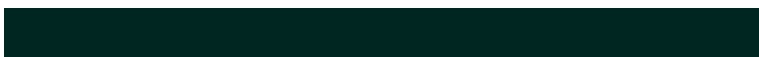
45.3314, 0.2692, 0.3003



12.7029, 0.2999, 0.3318



29.2507, 0.2352, 0.3666



1.5157, 0.2329, 0.3585

Inverse Universe

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



36.6545, 0.3665, 0.3202



52.6201, 0.3835, 0.3182



43.7268, 0.3666, 0.3560



11.2353, 0.3271, 0.3262



8.1303, 0.6238, 0.3210



0.4269, 0.5825, 0.2983

Previews

White Background



This preview shows how the Yxy color 54.5620, 0.2763, 0.3381 looks on a white background.

Color Contrast Check

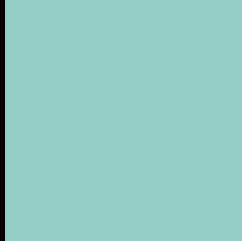
Large Text (above 18pt) WCAG AA × Fail

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 54.5620, 0.2763, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

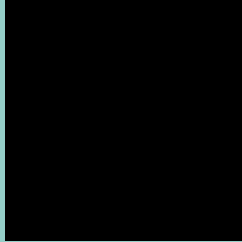
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

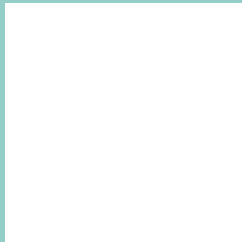
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.5620, 0.2763, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 54.5620, 0.2763, 0.3381.

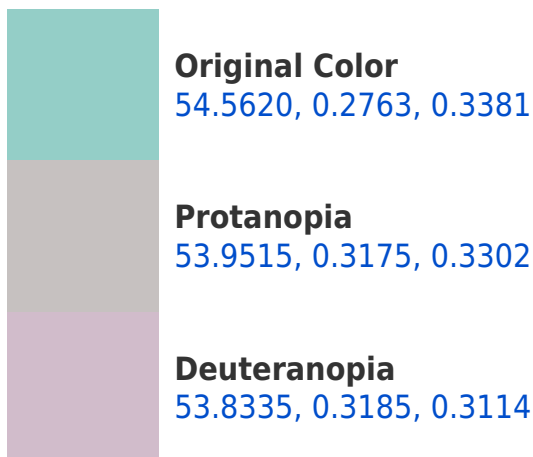


This preview shows how white text looks on a background with the Yxy color 54.5620, 0.2763, 0.3381.

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





Tritanopia

54.5017, 0.2666, 0.3085

Trichromacy



Original Color

54.5620, 0.2763, 0.3381

Protanomaly

54.0316, 0.3009, 0.3327

Deuteranomaly

53.8593, 0.3014, 0.3203

Tritanomaly

54.5185, 0.2702, 0.3186

Monochromacy



Original Color

54.5620, 0.2763, 0.3381

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.7202, 0.2977, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5620, 0.2763, 0.3381 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(148, 206, 199)` looks like.

```
.text, #text, p{  
    color:rgb(148, 206, 199)  
}
```

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(148, 206, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 206, 199) }
```

Border

The CSS property to change the border of an element to Yxy 54.5620, 0.2763, 0.3381 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(148, 206, 199) }
```

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

```
.border{ border-color:rgb(148, 206, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 206, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 206, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 206, 199); box-shadow:4px 4px 4px 4px rgb(148, 206, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5620, 0.2763, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 206, 199) }
```

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

```
.background{ background-color: rgb(148,  
206, 199) }
```

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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