

Converting Colors

$Yxy(53.4660, 0.2761, 0.3369)$

Have a look what the booklet for
Yxy(53.4660, 0.2761, 0.3369)
contains.

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Color

Yxy(53.4660, 0.2761, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	93CCC6
RGB	147, 204, 198
RGB Percent	58%, 80%, 78%
CMY	0.4235, 0.2000, 0.2237
CMYK	0.28, 0.00, 0.03, 0.20
HSL	174°, 36%, 69%
HSV	174°, 28%, 80%
XYZ	43.8170, 53.4660, 61.4169
YIQ	186.2730, -32.0460, -13.9500

Conversions

Conversions Part 2

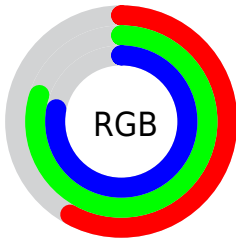
Format	Color
RYB	147, 177, 204
Decimal	9686214
CIELab	78.15, -19.56, -2.92
CIElCh	78, 19.780, 188.497
Yxy	53.4660, 0.2761, 0.3369
Android (android.graphics.Color)	4287876294 (0xFF93CCC6)
YUV	186.2730, 5.7814, -34.4424
Hunter-Lab	73.1204, -20.9956, 1.3842

Details

The Yxy color **53.4660, 0.2761, 0.3369** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.0114, 0.3667, 0.3214**, and the grayscale version is **49.2457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **26.2060, 0.2665, 0.3398** is the 20% darker color. If you saturate the color by 10%, you get **51.6472, 0.2650, 0.3401**, and if you desaturate by 10%, it is **55.6249, 0.2884, 0.3339**.

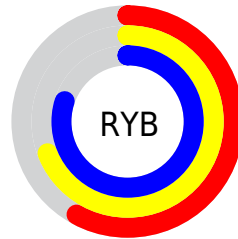
Distribution



Red (58%)

Green (80%)

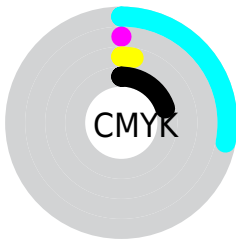
Blue (78%)



Red (58%)

Yellow (69%)

Blue (80%)

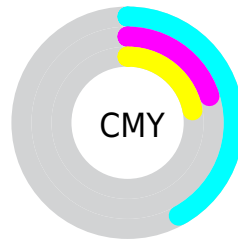


Cyan (28%)

Magenta (0%)

Yellow (3%)

Black (20%)



Cyan (42%)


Magenta (20%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.4660, 0.2761, 0.3369 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 53.4660, 0.2761, 0.3369 by changing the saturation by 10% instead.


 53.4660, 0.2761,
0.3369


 53.4660, 0.2761,
0.3369


400.0704, 0.2939,
0.3332

 38.1749, 0.2718,
0.3377


 95.2897, 0.2824,
0.3356

 26.1185, 0.2664,
0.3388


 122.5912, 0.2848,
0.3351

 16.9123, 0.2594,
0.3401


154.6648, 0.2869,
0.3347

 10.1720, 0.2499,
0.3418

191.8951, 0.2887,
0.3343

 5.5131, 0.2362,
0.3442

234.6664, 0.2902,
0.3340

 2.5514, 0.2152,
0.3474

283.3631, 0.2916,

 0.9023, 0.1528,

0.3337

0.3629

338.3697, 0.2928,
0.3334

0.0000, 0.0000,
0.0000

53.4660, 0.2761,
0.3369

53.4660, 0.2761,
0.3369

51.6472, 0.2650,
0.3401

55.6249, 0.2884,
0.3339

50.1445, 0.2553,
0.3436

58.1340, 0.3017,
0.3311

48.9407, 0.2473,
0.3471


61.0105, 0.3156,
0.3285


48.0143, 0.2412,
0.3507

64.2690, 0.3299,
0.3262


47.3411, 0.2370,
0.3544


67.9230, 0.3443,
0.3241

 46.8928, 0.2347,
0.3580

 69.1478, 0.3473,
0.3220

 46.6276, 0.2341,
0.3617

 69.2569, 0.3457,
0.3198

 46.5819, 0.2340,
0.3624

 69.3674, 0.3440,
0.3176

 69.4794, 0.3424,
0.3154

Harmonies

Analogous

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



53.4660, 0.2979, 0.3602



53.4660, 0.2761, 0.3369



53.4660, 0.2642, 0.3123

Triad

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



53.4660, 0.2761, 0.3369



53.4660, 0.2996, 0.2881



53.4660, 0.3630, 0.3622

Complementary

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



53.4660, 0.2761, 0.3369



36.0114, 0.3667, 0.3214

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.



53.4660, 0.3638, 0.3421



53.4660, 0.2761, 0.3369



53.4660, 0.3263, 0.3006

Square

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



53.4660, 0.2761, 0.3369



53.4660, 0.2772, 0.2855



53.4660, 0.3502, 0.3199



53.4660, 0.3482, 0.3744

Rectangle

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



53.4660, 0.2761, 0.3369



53.4660, 0.2630, 0.2990



53.4660, 0.3502, 0.3199



53.4660, 0.3650, 0.3561

Sweetspot

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



53.4682, 0.2761, 0.3369



96.1958, 0.3015, 0.3311



52.1321, 0.3139, 0.4079



20.4464, 0.2994, 0.3315



0.0000, 0.0000, 0.0000



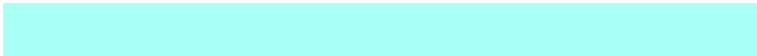
21.4041, 0.3127, 0.3290

Same Dimension

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



53.4682, 0.2761, 0.3369



86.5204, 0.2687, 0.3390



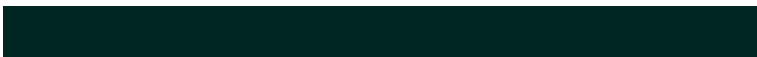
44.0850, 0.2694, 0.2992



12.7058, 0.2997, 0.3314



29.3259, 0.2339, 0.3619



1.5189, 0.2319, 0.3548

Inverse Universe

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



36.0114, 0.3667, 0.3214



52.5698, 0.3847, 0.3196



43.2691, 0.3657, 0.3569



11.2327, 0.3274, 0.3266



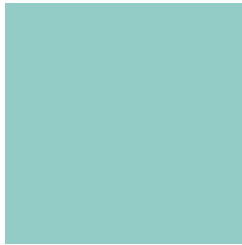
8.1222, 0.6264, 0.3224



0.4257, 0.5887, 0.3017

Previews

White Background



This preview shows how the Yxy color 53.4660, 0.2761, 0.3369 looks on a white background.

Color Contrast Check

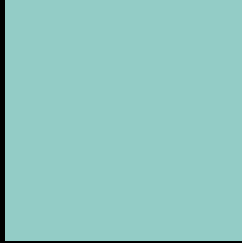
Large Text (above 18pt) WCAG AA × Fail

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 53.4660, 0.2761, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

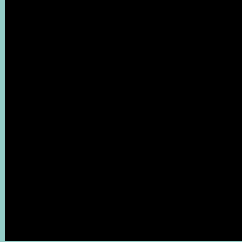
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

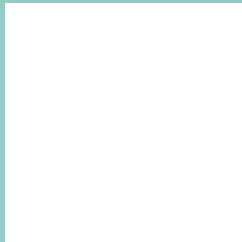
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.4660, 0.2761, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 53.4660, 0.2761, 0.3369.

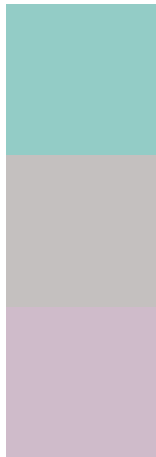


This preview shows how white text looks on a background with the Yxy color 53.4660, 0.2761, 0.3369.

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

53.4660, 0.2761, 0.3369

Protanopia

53.1966, 0.3167, 0.3302

Deuteranopia

53.0703, 0.3177, 0.3113



Tritanopia

53.3624, 0.2668, 0.3084

Trichromacy



Original Color

53.4660, 0.2761, 0.3369

Protanomaly

52.8399, 0.3001, 0.3315

Deuteranomaly

52.6713, 0.3005, 0.3190

Tritanomaly

53.3782, 0.2705, 0.3185

Monochromacy



Original Color

53.4660, 0.2761, 0.3369

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.6283, 0.2983, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4660, 0.2761, 0.3369 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, 204, 198)` looks like.

```
.text, #text, p{  
    color:rgb(147, 204, 198)  
}
```

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, 204, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 204, 198) }
```

Border

The CSS property to change the border of an element to Yxy 53.4660, 0.2761, 0.3369 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, 204, 198) }
```

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

```
.border{ border-color:rgb(147, 204, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 204, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 204, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 204, 198);  
box-shadow:4px 4px 4px 4px rgb(147, 204,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4660, 0.2761, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 204, 198) }
```

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

```
.background{ background-color: rgb(147,  
204, 198) }
```

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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