

Converting Colors

Yxy(53.9617, 0.2729, 0.3599)

Have a look what the booklet for
Yxy(53.9617, 0.2729, 0.3599)
contains.

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Color

Yxy(53.9346, 0.2729, 0.3591)

Conversions

Conversions Part 1

Format	Color
Hex	82D1BB
RGB	130, 209, 187
RGB Percent	51%, 82%, 73%
CMY	0.4898, 0.1804, 0.2666
CMYK	0.38, 0.00, 0.11, 0.18
HSL	163°, 46%, 66%
HSV	163°, 38%, 82%
XYZ	40.9879, 53.9346, 55.2713
YIQ	182.8710, -40.0220, -23.5900

Conversions

Conversions Part 2

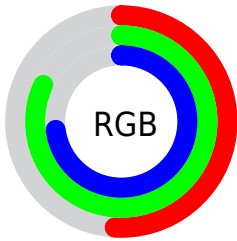
Format	Color
RYB	130, 176, 209
Decimal	8573371
CIELab	78.42, -29.24, 3.26
CIELCh	78, 29.425, 173.646
Yxy	53.9346, 0.2729, 0.3591
Android (android.graphics.Color)	4286763451 (0xFF82D1BB)
YUV	182.8710, 2.0356, -46.3679
Hunter-Lab	73.4402, -28.8972, 6.7863

Details

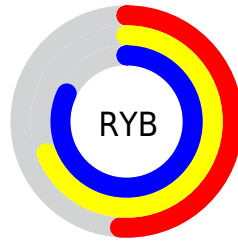
The Yxy color **53.9346, 0.2729, 0.3591** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **31.8138, 0.3786, 0.3014**, and the grayscale version is **47.2974, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4302, 0.2791, 0.3419**, and **26.3689, 0.2622, 0.3670** is the 20% darker color. If you saturate the color by 10%, you get **52.2028, 0.2647, 0.3686**, and if you desaturate by 10%, it is **56.0166, 0.2823, 0.3502**.

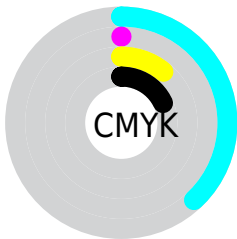
Distribution



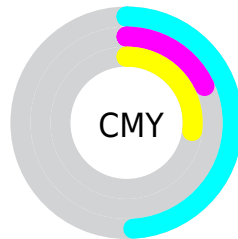
- Red (51%)
- Green (82%)
- Blue (73%)



- Red (51%)
- Yellow (69%)
- Blue (82%)



- Cyan (38%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)




- Cyan (49%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.9346, 0.2729, 0.3591 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 53.9346, 0.2729, 0.3591 by changing the saturation by 10% instead.


 53.9346, 0.2729,
0.3591

 53.9346, 0.2729,
0.3591


401.8606, 0.2924,
0.3442


 38.5494, 0.2682,
0.3628


 95.9782, 0.2799,
0.3537

 26.4094, 0.2622,
0.3674


 123.4054, 0.2825,
0.3517

 17.1301, 0.2543,
0.3736


 155.6154, 0.2848,
0.3500

 10.3273, 0.2436,
0.3821

192.9925, 0.2867,
0.3485

 5.6165, 0.2282,
0.3947

235.9212, 0.2884,
0.3472

 2.6133, 0.2040,
0.4147

284.7858, 0.2899,

 0.9334, 0.0911,

0.3461

0.4929

339.9708, 0.2912,
0.3451

0.0000, 0.0000,
0.0000

53.9346, 0.2729,
0.3591

53.9346, 0.2729,
0.3591

52.2028, 0.2647,
0.3686

56.0166, 0.2823,
0.3502

50.7940, 0.2581,
0.3786

58.4611, 0.2927,
0.3419

49.6877, 0.2533,
0.3890


61.2876, 0.3038,
0.3344


48.8580, 0.2504,
0.3995


64.5126, 0.3153,
0.3275

48.2748, 0.2495,
0.4100

68.1513, 0.3270,
0.3214


 47.8951, 0.2505,
0.4205

 72.1255, 0.3383,
0.3160

 47.8220, 0.2508,
0.4228

 72.4429, 0.3340,
0.3102

 72.7712, 0.3298,
0.3045

 73.1105, 0.3256,
0.2988

Harmonies

Analogous

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



53.9346, 0.3090, 0.3893



53.9346, 0.2729, 0.3591



53.9346, 0.2483, 0.3208

Triad

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



53.9346, 0.2729, 0.3591



53.9346, 0.2754, 0.2660



53.9346, 0.3910, 0.3627

Complementary

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



53.9346, 0.2729, 0.3591



31.8138, 0.3786, 0.3014

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.



53.9346, 0.3814, 0.3310



53.9346, 0.2729, 0.3591



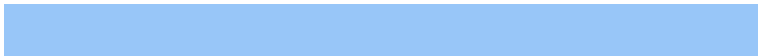
53.9346, 0.3125, 0.2775

Square

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



53.9346, 0.2729, 0.3591



53.9346, 0.2497, 0.2692



53.9346, 0.3519, 0.3007



53.9346, 0.3781, 0.3884

Rectangle

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



53.9346, 0.2729, 0.3591



53.9346, 0.2409, 0.2978



53.9346, 0.3519, 0.3007



53.9346, 0.3903, 0.3524

Sweetspot

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



53.9368, 0.2729, 0.3591



94.5697, 0.3000, 0.3368



53.9279, 0.3234, 0.4375



20.1100, 0.2985, 0.3378



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.



53.9368, 0.2729, 0.3591



82.4471, 0.2664, 0.3665



47.0093, 0.2571, 0.3055



13.3486, 0.3020, 0.3356



29.5071, 0.2504, 0.4213



1.6630, 0.2451, 0.4022

Inverse Universe

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



31.8138, 0.3786, 0.3014



43.0760, 0.3992, 0.2959



36.0943, 0.3966, 0.3509



11.8616, 0.3247, 0.3225



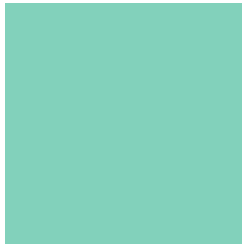
8.5620, 0.5820, 0.2980



0.4923, 0.5286, 0.2686

Previews

White Background



This preview shows how the Yxy color 53.9346, 0.2729, 0.3591 looks on a white background.

Color Contrast Check

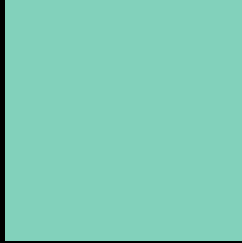
Large Text (above 18pt) WCAG AA × Fail

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 53.9346, 0.2729, 0.3591 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

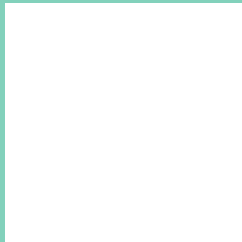
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9346, 0.2729, 0.3591

Background



This preview shows how black text looks on a background with the Yxy color 53.9346, 0.2729, 0.3591.



This preview shows how white text looks on a background with the Yxy color 53.9346, 0.2729, 0.3591.

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

53.9346, 0.2729, 0.3591

Protanopia

53.1930, 0.3301, 0.3463

Deuteranopia

53.3435, 0.3298, 0.3231



Tritanopia

53.8095, 0.2573, 0.3069

Trichromacy



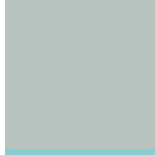
Original Color

53.9346, 0.2729, 0.3591



Protanomaly

52.8383, 0.3070, 0.3510



Deuteranomaly

52.6930, 0.3061, 0.3353



Tritanomaly

53.8970, 0.2626, 0.3249

Monochromacy



Original Color

53.9346, 0.2729, 0.3591



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

49.0525, 0.2964, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9346, 0.2729, 0.3591 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(130, 209, 187)` looks like.

```
.text, #text, p{  
    color:rgb(130, 209, 187)  
}
```

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(130, 209, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 209, 187) }
```

Border

The CSS property to change the border of an element to Yxy 53.9346, 0.2729, 0.3591 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(130, 209, 187) }
```

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

```
.border{ border-color:rgb(130, 209, 187) }
```

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

Here you see how a box with a 4 pixel rgb(130, 209, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 209, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 209, 187);  
box-shadow:4px 4px 4px 4px rgb(130, 209,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9346, 0.2729, 0.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 209, 187) }
```

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

```
.background{ background-color: rgb(130,  
209, 187) }
```

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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