

Converting Colors

$Yxy(55.0553, 0.2622, 0.3398)$

Have a look what the booklet for
Yxy(55.0553, 0.2622, 0.3398)
contains.

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Color

Yxy(54.7931, 0.2623, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	7ED2CA
RGB	126, 210, 202
RGB Percent	49%, 82%, 79%
CMY	0.5056, 0.1765, 0.2078
CMYK	0.40, 0.00, 0.04, 0.18
HSL	174°, 48%, 66%
HSV	174°, 40%, 82%
XYZ	42.3211, 54.7931, 64.2318
YIQ	183.9720, -47.4960, -20.2960

Conversions

Conversions Part 2

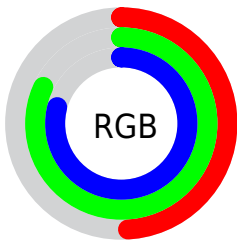
Format	Color
RYB	126, 170, 210
Decimal	8311498
CIELab	78.92, -27.34, -4.08
CIElCh	79, 27.643, 188.483
Yxy	54.7931, 0.2623, 0.3396
Android (android.graphics.Color)	4286501578 (0xFF7ED2CA)
YUV	183.9720, 8.8878, -50.8414
Hunter-Lab	74.0224, -27.4847, 0.3676

Details

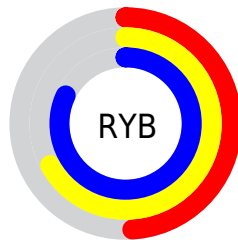
The Yxy color **54.7931, 0.2623, 0.3396** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **30.3647, 0.4032, 0.3192**, and the grayscale version is **47.8971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6851, 0.2711, 0.3289**, and **26.8829, 0.2491, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **53.2678, 0.2529, 0.3427**, and if you desaturate by 10%, it is **56.6591, 0.2733, 0.3367**.

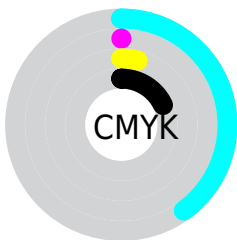
Distribution



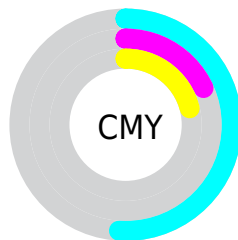
- Red (49%)
- Green (82%)
- Blue (79%)



- Red (49%)
- Yellow (67%)
- Blue (82%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)





- Cyan (51%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7931, 0.2623, 0.3396 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 54.7931, 0.2623, 0.3396 by changing the saturation by 10% instead.

 54.7931, 0.2623,
0.3396


 54.7931, 0.2623,
0.3396


405.1272, 0.2866,
0.3348

 39.2361, 0.2565,
0.3407


 97.2377, 0.2709,
0.3379

 26.9434, 0.2493,
0.3420


 124.8942, 0.2742,
0.3373

 17.5308, 0.2399,
0.3436


 157.3525, 0.2770,
0.3367

 10.6136, 0.2273,
0.3456

194.9972, 0.2794,
0.3362

 5.8077, 0.2096,
0.3482

238.2127, 0.2816,
0.3358

 2.7285, 0.1830,
0.3513

287.3832, 0.2834,

 0.9917, 0.1012,

0.3354

0.3700

342.8932, 0.2851,
0.3351

0.0000, 0.0000,
0.0000

54.7931, 0.2623,
0.3396

54.7931, 0.2623,
0.3396

53.2678, 0.2529,
0.3427

56.6591, 0.2733,
0.3367

52.0555, 0.2452,
0.3459

58.8785, 0.2855,
0.3339

51.1350, 0.2394,
0.3491


61.4714, 0.2988,
0.3313

50.4792, 0.2356,
0.3524

64.4543, 0.3128,
0.3290

50.0565, 0.2336,
0.3556


67.8430, 0.3272,
0.3269


 49.8088, 0.2330,
0.3588

 71.6522, 0.3418,
0.3250

 49.8079, 0.2330,
0.3589

 72.3058, 0.3425,
0.3230

 72.4096, 0.3411,
0.3210

 72.5148, 0.3396,
0.3190

Harmonies

Analogous

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



54.7931, 0.2918, 0.3730



54.7931, 0.2623, 0.3396



54.7931, 0.2464, 0.3052

Triad

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



54.7931, 0.2623, 0.3396



54.7931, 0.2942, 0.2735



54.7931, 0.3824, 0.3738

Complementary

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



54.7931, 0.2623, 0.3396



30.3647, 0.4032, 0.3192

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.



54.7931, 0.3839, 0.3461



54.7931, 0.2623, 0.3396



54.7931, 0.3312, 0.2903

Square

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



54.7931, 0.2623, 0.3396



54.7931, 0.2639, 0.2695



54.7931, 0.3648, 0.3161



54.7931, 0.3615, 0.3919

Rectangle

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



54.7931, 0.2623, 0.3396



54.7931, 0.2450, 0.2871



54.7931, 0.3648, 0.3161



54.7931, 0.3853, 0.3653

Sweetspot

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



54.7953, 0.2623, 0.3396



94.4654, 0.2958, 0.3319



52.7040, 0.3127, 0.4488



20.1021, 0.2941, 0.3322



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.



54.7953, 0.2623, 0.3396



82.9674, 0.2541, 0.3422



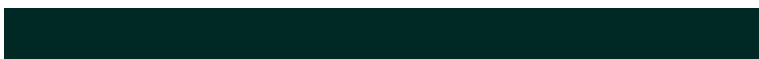
40.3122, 0.2507, 0.2819



13.3869, 0.2996, 0.3312



30.3932, 0.2329, 0.3584



1.7052, 0.2312, 0.3525

Inverse Universe

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



30.3647, 0.4032, 0.3192



39.9465, 0.4339, 0.3173



40.2268, 0.3955, 0.3713



11.8262, 0.3276, 0.3268



8.3952, 0.6283, 0.3235



0.4758, 0.5955, 0.3054

Previews

White Background



This preview shows how the Yxy color 54.7931, 0.2623, 0.3396 looks on a white background.

Color Contrast Check

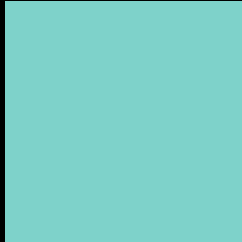
Large Text (above 18pt) WCAG AA × Fail

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 54.7931, 0.2623, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

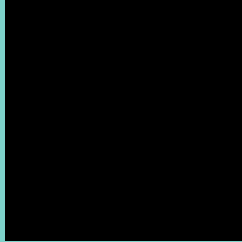
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

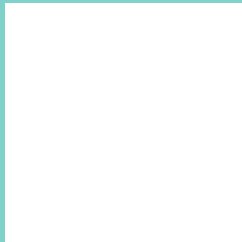
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7931, 0.2623, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 54.7931, 0.2623, 0.3396.

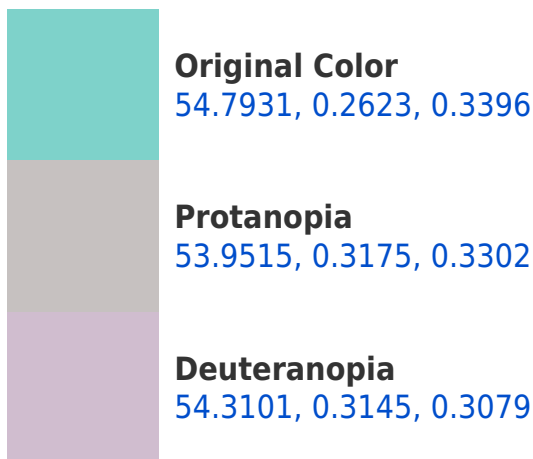


This preview shows how white text looks on a background with the Yxy color 54.7931, 0.2623, 0.3396.

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

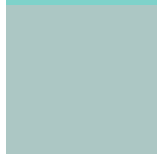
54.8589, 0.2536, 0.3081

Trichromacy



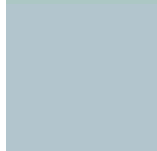
Original Color

54.7931, 0.2623, 0.3396



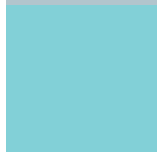
Protanomaly

53.6030, 0.2943, 0.3328



Deuteranomaly

53.8053, 0.2925, 0.3190



Tritanomaly

54.7639, 0.2570, 0.3196

Monochromacy



Original Color

54.7931, 0.2623, 0.3396



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

49.6880, 0.2908, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7931, 0.2623, 0.3396 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(126, 210, 202)` looks like.

```
.text, #text, p{  
    color:rgb(126, 210, 202)  
}
```

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(126, 210, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 210, 202) }
```

Border

The CSS property to change the border of an element to Yxy 54.7931, 0.2623, 0.3396 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(126, 210, 202) }
```

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

```
.border{ border-color:rgb(126, 210, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 210, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 210, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 210, 202);  
box-shadow:4px 4px 4px 4px rgb(126, 210,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7931, 0.2623, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 210, 202) }
```

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

```
.background{ background-color: rgb(126,  
210, 202) }
```

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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