

Converting Colors

$Yxy(55.0735, 0.2701, 0.3562)$

Have a look what the booklet for
Yxy(55.0735, 0.2701, 0.3562)
contains.

Yxy(55.0172, 0.2703, 0.3561)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.0172, 0.2703, 0.3561)

Conversions

Conversions Part 1

Format	Color
Hex	81D3BF
RGB	129, 211, 191
RGB Percent	51%, 83%, 75%
CMY	0.4938, 0.1726, 0.2509
CMYK	0.39, 0.00, 0.09, 0.17
HSL	165°, 48%, 67%
HSV	165°, 39%, 83%
XYZ	41.7612, 55.0172, 57.7209
YIQ	184.2020, -42.4520, -23.6040

Conversions

Conversions Part 2

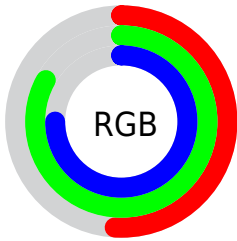
Format	Color
R_{YB}	129, 176, 211
Decimal	8508351
CIE _{Lab}	79.05, -29.59, 2.02
CIE _{LCh}	79, 29.657, 176.103
Yxy	55.0172, 0.2703, 0.3561
Android (android.graphics.Color)	4286698431 (0xFF81D3BF)
YUV	184.2020, 3.3514, -48.4122
Hunter-Lab	74.1736, -29.3048, 5.7828

Details

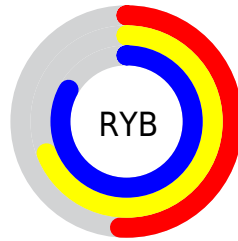
The Yxy color **55.0172, 0.2703, 0.3561** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **31.7382, 0.3848, 0.3042**, and the grayscale version is **48.0592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5497, 0.2765, 0.3375**, and **27.0678, 0.2586, 0.3627** is the 20% darker color. If you saturate the color by 10%, you get **53.3106, 0.2620, 0.3644**, and if you desaturate by 10%, it is **57.0774, 0.2800, 0.3483**.

Distribution



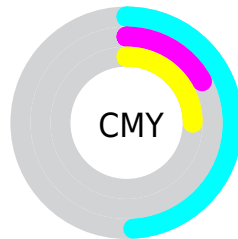
- Red (51%)
- Green (83%)
- Blue (75%)



- Red (51%)
- Yellow (69%)
- Blue (83%)



- Cyan (39%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)




- Cyan (49%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0172, 0.2703, 0.3561 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 55.0172, 0.2703, 0.3561 by changing the saturation by 10% instead.


 55.0172, 0.2703,
0.3561

 55.0172, 0.2703,
0.3561


405.9771, 0.2909,
0.3428


 39.4155, 0.2653,
0.3593


 97.5662, 0.2777,
0.3513

 27.0831, 0.2591,
0.3634


 125.2822, 0.2805,
0.3495

 17.6356, 0.2509,
0.3688


 157.8051, 0.2828,
0.3480

 10.6887, 0.2398,
0.3762

195.5194, 0.2849,
0.3467

 5.8579, 0.2239,
0.3868

238.8093, 0.2867,
0.3455

 2.7589, 0.1995,
0.4036

288.0593, 0.2883,

 1.0072, 0.1052,


0.3445


0.4605

343.6538, 0.2897,
0.3436

 0.0000, 0.0000,
0.0000

 55.0172, 0.2703,
0.3561

 55.0172, 0.2703,
0.3561


 53.3106, 0.2620,
0.3644

 57.0774, 0.2800,
0.3483

 51.9296, 0.2552,
0.3731

 59.5039, 0.2907,
0.3410


 50.8530, 0.2503,
0.3821


 62.3170, 0.3022,
0.3344


 50.0540, 0.2474,
0.3912

 65.5334, 0.3141,
0.3283

 49.5009, 0.2464,
0.4003

 69.1688, 0.3263,
0.3229

 49.1439, 0.2472,
0.4093

 73.1116, 0.3380,
0.3181

 49.1068, 0.2473,
0.4103

 73.3914, 0.3343,
0.3129

 73.6797, 0.3306,
0.3079

 73.9766, 0.3270,
0.3029

Harmonies

Analogous

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



55.0172, 0.3058, 0.3875



55.0172, 0.2703, 0.3561



55.0172, 0.2469, 0.3178

Triad

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



55.0172, 0.2703, 0.3561



55.0172, 0.2781, 0.2663



55.0172, 0.3908, 0.3652

Complementary

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



55.0172, 0.2703, 0.3561



31.7382, 0.3848, 0.3042

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.



55.0172, 0.3831, 0.3337



55.0172, 0.2703, 0.3561



55.0172, 0.3158, 0.2789

Square

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



55.0172, 0.2703, 0.3561



55.0172, 0.2512, 0.2682



55.0172, 0.3549, 0.3029



55.0172, 0.3762, 0.3901

Rectangle

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



55.0172, 0.2703, 0.3561



55.0172, 0.2404, 0.2952



55.0172, 0.3549, 0.3029



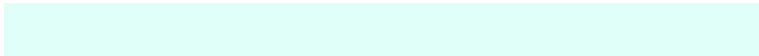
55.0172, 0.3908, 0.3550

Sweetspot

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



55.0194, 0.2703, 0.3561



94.1801, 0.2983, 0.3365



54.6125, 0.3216, 0.4418



20.0346, 0.2968, 0.3374



0.0000, 0.0000, 0.0000



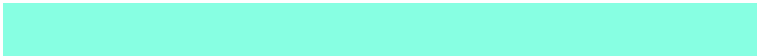
21.4041, 0.3127, 0.3290

Same Dimension

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



55.0194, 0.2703, 0.3561



82.1626, 0.2630, 0.3633



46.4242, 0.2550, 0.3009



13.3558, 0.3015, 0.3347



29.6557, 0.2469, 0.4090



1.6702, 0.2424, 0.3924

Inverse Universe

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



31.7382, 0.3848, 0.3042



41.3233, 0.4098, 0.2989



37.1043, 0.3986, 0.3550



11.8548, 0.3253, 0.3234



8.5181, 0.5933, 0.3042



0.4891, 0.5400, 0.2749

Previews

White Background



This preview shows how the Yxy color 55.0172, 0.2703, 0.3561 looks on a white background.

Color Contrast Check

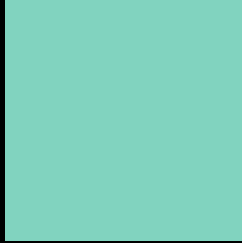
Large Text (above 18pt) WCAG AA × Fail

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 55.0172, 0.2703, 0.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

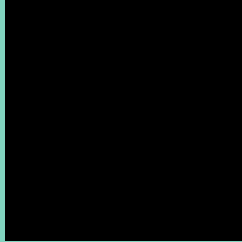
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

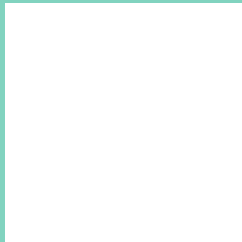
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0172, 0.2703, 0.3561

Background



This preview shows how black text looks on a background with the Yxy color 55.0172, 0.2703, 0.3561.

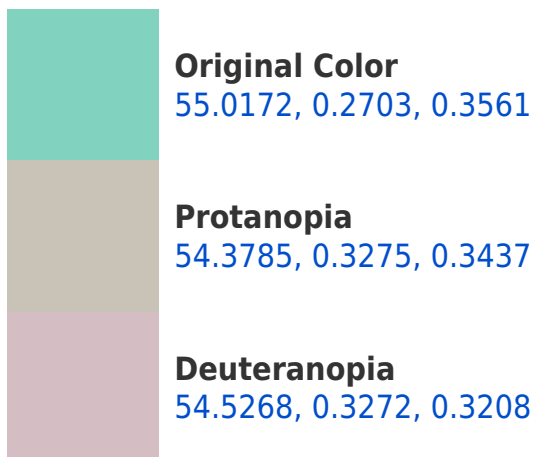


This preview shows how white text looks on a background with the Yxy color 55.0172, 0.2703, 0.3561.

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

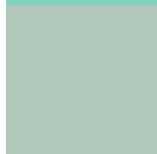
54.7887, 0.2561, 0.3070

Trichromacy



Original Color

55.0172, 0.2703, 0.3561



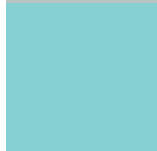
Protanomaly

53.9253, 0.3041, 0.3483



Deuteranomaly

53.7726, 0.3032, 0.3327



Tritanomaly

54.8832, 0.2613, 0.3249

Monochromacy



Original Color

55.0172, 0.2703, 0.3561



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

50.0639, 0.2944, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0172, 0.2703, 0.3561 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(129, 211, 191)` looks like.

```
.text, #text, p{  
    color:rgb(129, 211, 191)  
}
```

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(129, 211, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 211, 191) }
```

Border

The CSS property to change the border of an element to Yxy 55.0172, 0.2703, 0.3561 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(129, 211, 191) }
```

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

```
.border{ border-color:rgb(129, 211, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 211, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 211, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 211, 191);  
box-shadow:4px 4px 4px 4px rgb(129, 211,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0172, 0.2703, 0.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 211, 191) }
```

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

```
.background{ background-color: rgb(129,  
211, 191) }
```

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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