

Converting Colors

$Y_{xy}(55.2652, 0.2523, 0.3290)$

Have a look what the booklet for
Yxy(55.2652, 0.2523, 0.3290)
contains.

Yxy(55.5031, 0.2528, 0.3302)	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(55.5031, 0.2528, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	74D4D3
RGB	116, 212, 211
RGB Percent	45%, 83%, 83%
CMY	0.5455, 0.1686, 0.1726
CMYK	0.45, 0.00, 0.00, 0.17
HSL	179°, 53%, 64%
HSV	179°, 45%, 83%
XYZ	42.4930, 55.5031, 70.0933
YIQ	183.1820, -56.8950, -20.6630

Conversions

Conversions Part 2

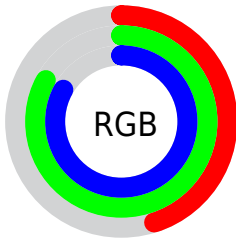
Format	Color
RYB	116, 164, 212
Decimal	7656659
CIELab	79.33, -28.58, -8.33
CIElCh	79, 29.772, 196.244
Yxy	55.5031, 0.2528, 0.3302
Android (android.graphics.Color)	4285846739 (0xFF74D4D3)
YUV	183.1820, 13.7143, -58.9186
Hunter-Lab	74.5004, -28.5642, -3.6324

Details

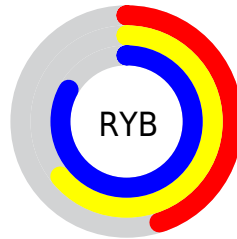
The Yxy color **55.5031, 0.2528, 0.3302** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **27.7520, 0.4327, 0.3281**, and the grayscale version is **47.3945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7387, 0.2671, 0.3289**, and **27.3890, 0.2374, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **54.2044, 0.2437, 0.3305**, and if you desaturate by 10%, it is **57.1376, 0.2637, 0.3299**.

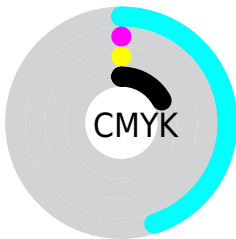
Distribution



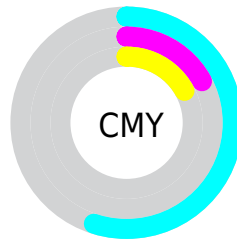
- Red (45%)
- Green (83%)
- Blue (83%)



- Red (45%)
- Yellow (64%)
- Blue (83%)



- Cyan (45%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)





- Cyan (55%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.5031, 0.2528, 0.3302 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 55.5031, 0.2528, 0.3302 by changing the saturation by 10% instead.

 55.5031, 0.2528,
0.3302


 55.5031, 0.2528,
0.3302


407.8162, 0.2814,
0.3302


 39.8047, 0.2461,
0.3300


 98.2777, 0.2629,
0.3303

 27.3863, 0.2377,
0.3297


 126.1226, 0.2667,
0.3304

 17.8635, 0.2269,
0.3292


 158.7852, 0.2701,
0.3303

 10.8521, 0.2126,
0.3281

196.6498, 0.2729,
0.3303

 5.9674, 0.1928,
0.3261

240.1008, 0.2754,
0.3303

 2.8253, 0.1639,
0.3217

289.5226, 0.2776,

 1.0412, 0.0877,

0.3303

345.2996, 0.2796,
0.3303

0.3215

0.0000, 0.0000,
0.0000

55.5031, 0.2528,
0.3302

55.5031, 0.2528,
0.3302

54.2044, 0.2437,
0.3305

57.1376, 0.2637,
0.3299

53.2121, 0.2365,
0.3308

59.1221, 0.2761,
0.3296

52.5026, 0.2312,
0.3312


61.4778, 0.2898,
0.3294


52.0460, 0.2278,
0.3315


64.2223, 0.3046,
0.3291

51.8057, 0.2260,
0.3319


67.3722, 0.3200,
0.3289

 51.7366, 0.2256,
0.3320

 70.9430, 0.3358,
0.3287

 73.1387, 0.3447,
0.3285

 73.1502, 0.3446,
0.3283

 73.1618, 0.3444,
0.3281

Harmonies

Analogous

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



55.5031, 0.2810, 0.3680



55.5031, 0.2528, 0.3302



55.5031, 0.2404, 0.2951

Triad

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



55.5031, 0.2528, 0.3302



55.5031, 0.3027, 0.2733



55.5031, 0.3833, 0.3832

Complementary

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



55.5031, 0.2528, 0.3302



27.7520, 0.4327, 0.3281

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.



55.5031, 0.3909, 0.3552



55.5031, 0.2528, 0.3302



55.5031, 0.3427, 0.2940

Square

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



55.5031, 0.2528, 0.3302



55.5031, 0.2677, 0.2652



55.5031, 0.3758, 0.3232



55.5031, 0.3564, 0.3988

Rectangle

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



55.5031, 0.2528, 0.3302



55.5031, 0.2419, 0.2782



55.5031, 0.3758, 0.3232



55.5031, 0.3883, 0.3748

Sweetspot

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



55.5053, 0.2528, 0.3302



93.8220, 0.2915, 0.3293



52.1721, 0.3071, 0.4699



19.9010, 0.2884, 0.3294



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.



55.5053, 0.2528, 0.3302



82.4481, 0.2443, 0.3305



35.5754, 0.2406, 0.2622



14.1055, 0.2984, 0.3292



31.9345, 0.2256, 0.3320



1.9269, 0.2254, 0.3314

Inverse Universe

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



27.7520, 0.4327, 0.3281



35.3791, 0.4724, 0.3280



41.2265, 0.4058, 0.3864



12.4229, 0.3289, 0.3288



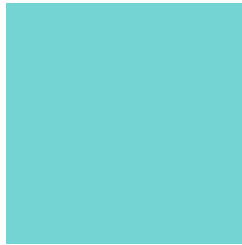
8.6451, 0.6388, 0.3293



0.5222, 0.6349, 0.3271

Previews

White Background



This preview shows how the Yxy color 55.5031, 0.2528, 0.3302 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 55.5031, 0.2528, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

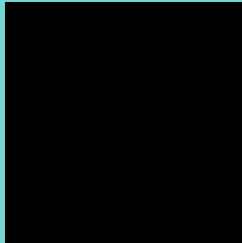
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

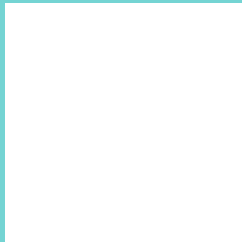
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5031, 0.2528, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 55.5031, 0.2528, 0.3302.

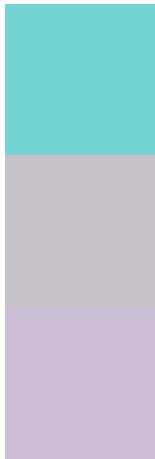


This preview shows how white text looks on a background with the Yxy color 55.5031, 0.2528, 0.3302.

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

55.5031, 0.2528, 0.3302

Protanopia

54.6240, 0.3107, 0.3217

Deuteranopia

54.7639, 0.3054, 0.2987



Tritanopia

55.7042, 0.2467, 0.3068

Trichromacy



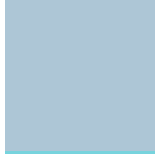
Original Color

55.5031, 0.2528, 0.3302



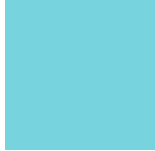
Protanomaly

54.4578, 0.2862, 0.3251



Deuteranomaly

54.1274, 0.2830, 0.3090



Tritanomaly

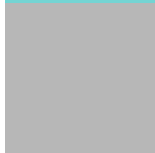
55.7309, 0.2490, 0.3157

Monochromacy



Original Color

55.5031, 0.2528, 0.3302



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

49.8048, 0.2866, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5031, 0.2528, 0.3302 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(116, 212, 211)` looks like.

```
.text, #text, p{  
    color:rgb(116, 212, 211)  
}
```

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(116, 212, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 212, 211) }
```

Border

The CSS property to change the border of an element to Yxy 55.5031, 0.2528, 0.3302 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(116, 212, 211) }
```

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

```
.border{ border-color:rgb(116, 212, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 212, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 212, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 212, 211);  
box-shadow:4px 4px 4px 4px rgb(116, 212,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5031, 0.2528, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 212, 211) }
```

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

```
.background{ background-color: rgb(116,  
212, 211) }
```

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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