

Converting Colors

$Yxy(55.4389, 0.2508, 0.3263)$

Have a look what the booklet for
Yxy(55.4389, 0.2508, 0.3263)
contains.

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Color

Yxy(55.5868, 0.2508, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	73D4D6
RGB	115, 212, 214
RGB Percent	45%, 83%, 84%
CMY	0.5495, 0.1685, 0.1609
CMYK	0.46, 0.01, 0.00, 0.16
HSL	181°, 55%, 64%
HSV	181°, 46%, 84%
XYZ	42.7381, 55.5868, 72.0822
YIQ	183.2250, -58.4540, -19.9420

Conversions

Conversions Part 2

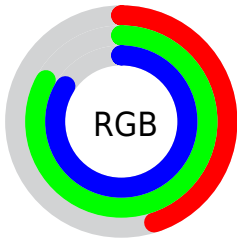
Format	Color
R _{YB}	115, 164, 214
Decimal	7591126
CIE Lab	79.38, -28.06, -9.86
CIE LCh	79, 29.740, 199.370
Yxy	55.5868, 0.2508, 0.3262
Android (android.graphics.Color)	4285781206 (0xFF73D4D6)
YUV	183.2250, 15.1721, -59.8333
Hunter-Lab	74.5566, -28.1523, -5.1327

Details

The Yxy color **55.5868, 0.2508, 0.3262** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **28.2165, 0.4369, 0.3318**, and the grayscale version is **47.4093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6242, 0.2666, 0.3289**, and **27.4014, 0.2354, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **54.0930, 0.2416, 0.3255**, and if you desaturate by 10%, it is **57.4220, 0.2618, 0.3269**.

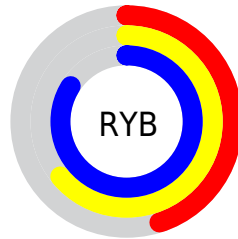
Distribution



Red (45%)

Green (83%)

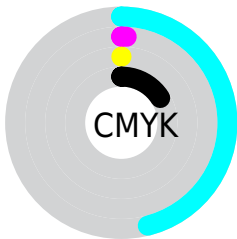
Blue (84%)



Red (45%)

Yellow (64%)

Blue (84%)

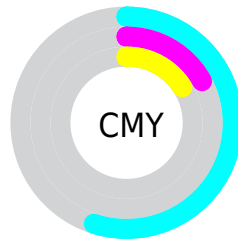


Cyan (46%)

Magenta (1%)

Yellow (0%)

Black (16%)



Cyan (55%)


Magenta (17%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5868, 0.2508, 0.3262 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 55.5868, 0.2508, 0.3262 by changing the saturation by 10% instead.


 55.5868, 0.2508,
0.3262

 55.5868, 0.2508,
0.3262


408.1325, 0.2803,
0.3282


 39.8717, 0.2439,
0.3255

 98.4002, 0.2612,
0.3271

 27.4385, 0.2353,
0.3246


 126.2673, 0.2652,
0.3274

 17.9029, 0.2243,
0.3232


 158.9538, 0.2686,
0.3276

 10.8803, 0.2097,
0.3210

196.8443, 0.2715,
0.3278

 5.9864, 0.1895,
0.3173

240.3229, 0.2741,
0.3279

 2.8368, 0.1602,
0.3102

289.7743, 0.2764,

 1.0471, 0.0876,

0.3280

0.3038

345.5826, 0.2784,
0.3281

0.0000, 0.0000,
0.0000

55.5868, 0.2508,
0.3262

55.5868, 0.2508,
0.3262

54.0930, 0.2416,
0.3255

57.4220, 0.2618,
0.3269

52.9105, 0.2342,
0.3249

59.6135, 0.2743,
0.3275

52.0147, 0.2289,
0.3242


62.1831, 0.2882,
0.3281


51.3745, 0.2253,
0.3235

65.1490, 0.3030,
0.3287

50.9507, 0.2234,
0.3229


68.5281, 0.3185,
0.3292

 50.8226, 0.2230,
0.3227

 72.3365, 0.3344,
0.3297

 74.7076, 0.3432,
0.3301

 74.9236, 0.3431,
0.3305

 75.1401, 0.3431,
0.3310

Harmonies

Analogous

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



55.5868, 0.2775, 0.3643



55.5868, 0.2508, 0.3262



55.5868, 0.2402, 0.2921

Triad

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



55.5868, 0.2508, 0.3262



55.5868, 0.3068, 0.2750



55.5868, 0.3812, 0.3855

Complementary

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



55.5868, 0.2508, 0.3262



28.2165, 0.4369, 0.3318

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.



55.5868, 0.3911, 0.3584



55.5868, 0.2508, 0.3262



55.5868, 0.3466, 0.2968

Square

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



55.5868, 0.2508, 0.3262



55.5868, 0.2709, 0.2655



55.5868, 0.3783, 0.3265



55.5868, 0.3528, 0.3992

Rectangle

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



55.5868, 0.2508, 0.3262



55.5868, 0.2430, 0.2762



55.5868, 0.3783, 0.3265



55.5868, 0.3869, 0.3775

Sweetspot

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



55.5890, 0.2508, 0.3262



93.3967, 0.2913, 0.3282



52.9950, 0.3050, 0.4715



19.7959, 0.2881, 0.3281



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.



55.5890, 0.2508, 0.3262



80.4079, 0.2414, 0.3255



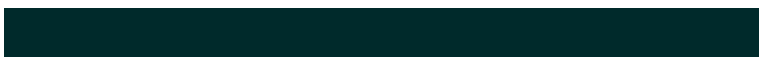
34.6093, 0.2381, 0.2555



14.0637, 0.2983, 0.3285



30.7440, 0.2230, 0.3228



1.8680, 0.2233, 0.3239

Inverse Universe

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



31.2843, 0.3199, 0.2189



39.9318, 0.3215, 0.1985



42.8329, 0.4064, 0.3915



12.6283, 0.3141, 0.3065



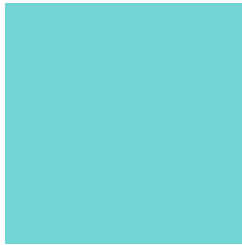
11.4485, 0.3259, 0.1569



0.6919, 0.3250, 0.1564

Previews

White Background



This preview shows how the Yxy color 55.5868, 0.2508, 0.3262 looks on a white background.

Color Contrast Check

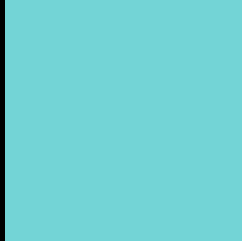
Large Text (above 18pt) WCAG AA × Fail

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 55.5868, 0.2508, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

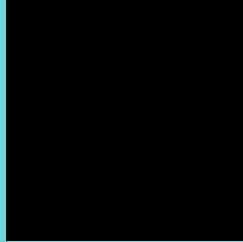
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5868, 0.2508, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 55.5868, 0.2508, 0.3262.

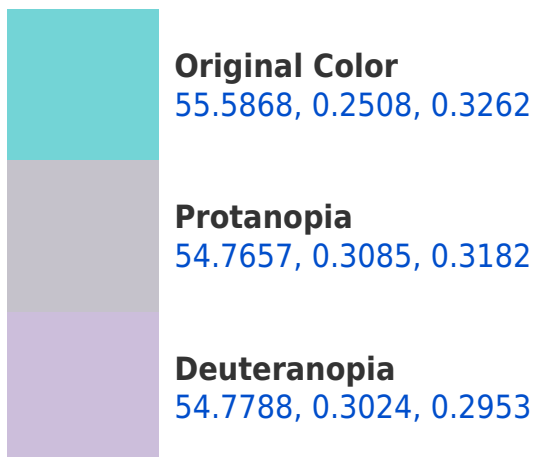


This preview shows how white text looks on a background with the Yxy color 55.5868, 0.2508, 0.3262.

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

55.5612, 0.2458, 0.3067

Trichromacy



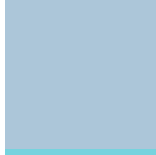
Original Color

55.5868, 0.2508, 0.3262



Protanomaly

54.4938, 0.2835, 0.3213



Deuteranomaly

54.1686, 0.2804, 0.3054



Tritanomaly

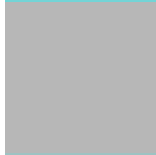
55.7140, 0.2480, 0.3144

Monochromacy



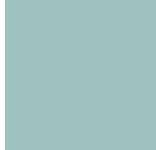
Original Color

55.5868, 0.2508, 0.3262



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

49.7477, 0.2852, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5868, 0.2508, 0.3262 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(115, 212, 214)` looks like.

```
.text, #text, p{  
    color:rgb(115, 212, 214)  
}
```

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(115, 212, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 212, 214) }
```

Border

The CSS property to change the border of an element to Yxy 55.5868, 0.2508, 0.3262 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(115, 212, 214) }
```

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

```
.border{ border-color:rgb(115, 212, 214) }
```

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

Here you see how a box with a 4 pixel rgb(115, 212, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 212, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 212, 214);  
box-shadow:4px 4px 4px 4px rgb(115, 212,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5868, 0.2508, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 212, 214) }
```

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

```
.background{ background-color: rgb(115,  
212, 214) }
```

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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