

Converting Colors

$Y_{xy}(54.5996, 0.2506, 0.3238)$

Have a look what the booklet for
Yxy(54.5996, 0.2506, 0.3238)
contains.

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Color

Yxy(54.5931, 0.2504, 0.3235)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 73D2D6 |
| RGB | 115, 210, 214 |
| RGB Percent | 45%, 82%, 84% |
| CMY | 0.5488, 0.1765, 0.1609 |
| CMYK | 0.46, 0.02, 0.00, 0.16 |
| HSL | 182°, 55%, 65% |
| HSV | 182°, 46%, 84% |
| XYZ | 42.2569, 54.5931, 71.9076 |
| YIQ | 182.0510, -57.9040, -18.8960 |

Conversions

Conversions Part 2

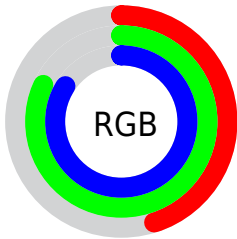
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 115, 163, 214 |
| Decimal | 7590614 |
| CIE Lab | 78.81, -27.03, -10.71 |
| CIE LCh | 79, 29.079, 201.609 |
| Yxy | 54.5931, 0.2504, 0.3235 |
| Android (android.graphics.Color) | 4285780694 (0xFF73D2D6) |
| YUV | 182.0510, 15.7509, -58.8037 |
| Hunter-Lab | 73.8871, -27.2163, -5.9806 |

Details

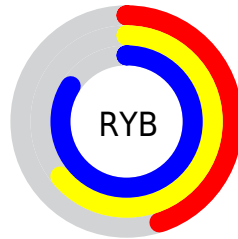
The Yxy color **54.5931, 0.2504, 0.3235** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **28.7326, 0.4353, 0.3342**, and the grayscale version is **46.7525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6242, 0.2666, 0.3289**, and **26.7581, 0.2349, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **52.8851, 0.2409, 0.3222**, and if you desaturate by 10%, it is **56.6443, 0.2616, 0.3248**.

Distribution



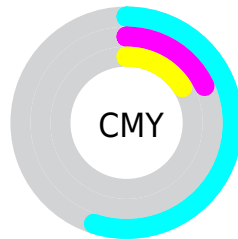
- Red (45%)
- Green (82%)
- Blue (84%)



- Red (45%)
- Yellow (64%)
- Blue (84%)



- Cyan (46%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)





- Cyan (55%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5931, 0.2504, 0.3235 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 54.5931, 0.2504, 0.3235 by changing the saturation by 10% instead.


 54.5931, 0.2504,
0.3235

 54.5931, 0.2504,
0.3235

404.3677, 0.2801,
0.3269


 39.0760, 0.2434,
0.3225

 96.9445, 0.2609,
0.3249

 26.8189, 0.2347,
0.3211


 124.5477, 0.2649,
0.3253

 17.4372, 0.2235,
0.3192


 156.9483, 0.2683,
0.3257

 10.5467, 0.2087,
0.3162

194.5309, 0.2713,
0.3260

 5.7629, 0.1882,
0.3113

237.6797, 0.2739,
0.3263

 2.7015, 0.1584,
0.3025

286.7791, 0.2762,

 0.9779, 0.0802,

0.3265

0.2940

342.2137, 0.2783,
0.3267

0.0000, 0.0000,
0.0000

54.5931, 0.2504,
0.3235

54.5931, 0.2504,
0.3235

52.8851, 0.2409,
0.3222

56.6443, 0.2616,
0.3248

51.4903, 0.2333,
0.3208

59.0537, 0.2743,
0.3261

50.3842, 0.2277,
0.3194

61.8430, 0.2882,
0.3272

49.5356, 0.2239,
0.3181


65.0304, 0.3031,
0.3284

48.9056, 0.2218,
0.3168


68.6329, 0.3186,
0.3294

 48.6977, 0.2212,
0.3163

 72.6665, 0.3345,
0.3303

 75.2317, 0.3430,
0.3312

 75.6730, 0.3429,
0.3320

 76.1168, 0.3428,
0.3329

Harmonies

Analogous

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



54.5931, 0.2757, 0.3610



54.5931, 0.2504, 0.3235



54.5931, 0.2412, 0.2906

Triad

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



54.5931, 0.2504, 0.3235



54.5931, 0.3099, 0.2770



54.5931, 0.3786, 0.3862

Complementary

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



54.5931, 0.2504, 0.3235



28.7326, 0.4353, 0.3342

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.



54.5931, 0.3898, 0.3602



54.5931, 0.2504, 0.3235



54.5931, 0.3488, 0.2993

Square

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



54.5931, 0.2504, 0.3235



54.5931, 0.2739, 0.2666



54.5931, 0.3789, 0.3289



54.5931, 0.3496, 0.3983

Rectangle

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



54.5931, 0.2504, 0.3235



54.5931, 0.2448, 0.2758



54.5931, 0.3789, 0.3289



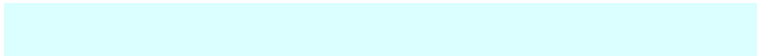
54.5931, 0.3846, 0.3786

Sweetspot

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



54.5952, 0.2504, 0.3235



92.9355, 0.2913, 0.3275



53.0436, 0.3042, 0.4689



19.6821, 0.2881, 0.3272



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.



54.5952, 0.2504, 0.3235



78.8276, 0.2415, 0.3223



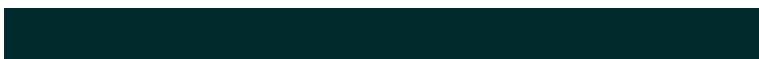
34.0691, 0.2378, 0.2532



14.0184, 0.2983, 0.3280



29.4820, 0.2213, 0.3165



1.8054, 0.2219, 0.3188

Inverse Universe

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



31.2205, 0.3219, 0.2209



40.3271, 0.3239, 0.2025



43.4672, 0.4052, 0.3933



12.6237, 0.3144, 0.3069



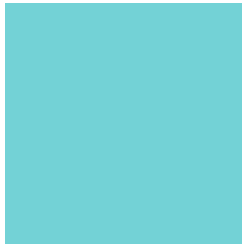
11.3211, 0.3312, 0.1598



0.6856, 0.3292, 0.1587

Previews

White Background



This preview shows how the Yxy color 54.5931, 0.2504, 0.3235 looks on a white background.

Color Contrast Check

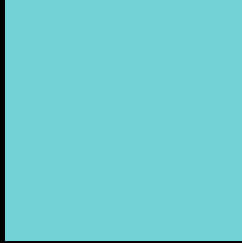
Large Text (above 18pt) WCAG AA × Fail

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 54.5931, 0.2504, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

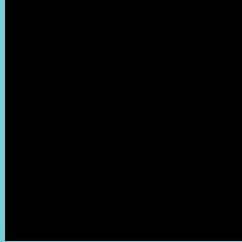
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5931, 0.2504, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 54.5931, 0.2504, 0.3235.

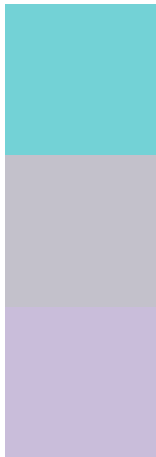


This preview shows how white text looks on a background with the Yxy color 54.5931, 0.2504, 0.3235.

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

54.5931, 0.2504, 0.3235

Protanopia

54.0538, 0.3069, 0.3169

Deuteranopia

53.8747, 0.3008, 0.2950



Tritanopia

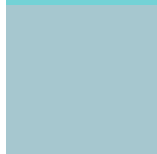
54.4699, 0.2463, 0.3066

Trichromacy



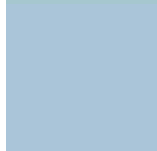
Original Color

54.5931, 0.2504, 0.3235



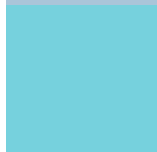
Protanomaly

53.4588, 0.2827, 0.3187



Deuteranomaly

53.4883, 0.2789, 0.3040



Tritanomaly

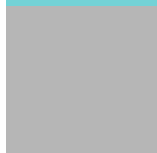
54.6729, 0.2480, 0.3130

Monochromacy



Original Color

54.5931, 0.2504, 0.3235



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

48.8634, 0.2850, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5931, 0.2504, 0.3235 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, 210, 214)` looks like.

```
.text, #text, p{  
    color:rgb(115, 210, 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, 210, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 210, 214) }
```

Border

The CSS property to change the border of an element to Yxy 54.5931, 0.2504, 0.3235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

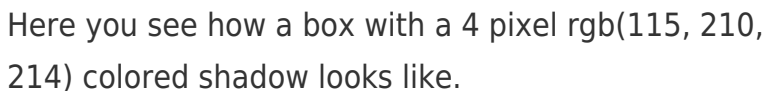
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 210, 214) }
```

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

```
.border{ border-color:rgb(115, 210, 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, 210, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 210, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 210, 214); box-shadow:4px 4px 4px 4px rgb(115, 210, 214) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5931, 0.2504, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 210, 214) }
```

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

```
.background{ background-color: rgb(115,  
210, 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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