

Converting Colors

$Y_{xy}(55.2741, 0.2521, 0.3202)$

Have a look what the booklet for
Yxy(55.2741, 0.2521, 0.3202)
contains.

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Color

Yxy(55.1679, 0.2517, 0.3196)

Conversions

Conversions Part 1

Format	Color
Hex	79D2D9
RGB	121, 210, 217
RGB Percent	47%, 82%, 85%
CMY	0.5258, 0.1764, 0.1490
CMYK	0.44, 0.03, 0.00, 0.15
HSL	184°, 56%, 66%
HSV	184°, 44%, 85%
XYZ	43.4473, 55.1679, 74.0002
YIQ	184.1870, -55.2910, -16.6910

Conversions

Conversions Part 2

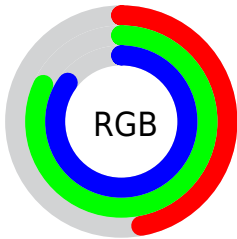
Format	Color
R _{YB}	121, 167, 217
Decimal	7983833
CIE _{Lab}	79.14, -24.91, -11.81
CIE _{LCh}	79, 27.571, 205.364
Yxy	55.1679, 0.2517, 0.3196
Android (android.graphics.Color)	4286173913 (0xFF79D2D9)
YUV	184.1870, 16.1768, -55.4150
Hunter-Lab	74.2751, -25.5676, -7.0780

Details

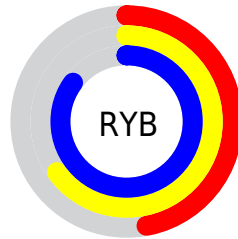
The Yxy color **55.1679, 0.2517, 0.3196** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **31.5433, 0.4259, 0.3378**, and the grayscale version is **47.9648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2050, 0.2691, 0.3289**, and **27.1081, 0.2367, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **53.0011, 0.2415, 0.3172**, and if you desaturate by 10%, it is **57.6991, 0.2635, 0.3219**.

Distribution



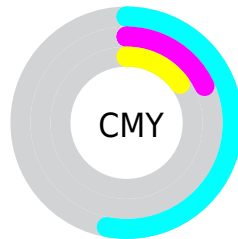
- Red (47%)
- Green (82%)
- Blue (85%)



- Red (47%)
- Yellow (65%)
- Blue (85%)



- Cyan (44%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)





- Cyan (53%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1679, 0.2517, 0.3196 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 55.1679, 0.2517, 0.3196 by changing the saturation by 10% instead.


 55.1679, 0.2517,
0.3196

 55.1679, 0.2517,
0.3196


406.5481, 0.2807,
0.3248


 39.5362, 0.2449,
0.3182


 97.7869, 0.2619,
0.3216

 27.1771, 0.2364,
0.3162


 125.5430, 0.2658,
0.3223

 17.7063, 0.2255,
0.3136


 158.1093, 0.2692,
0.3229

 10.7393, 0.2112,
0.3097

195.8702, 0.2721,
0.3234

 5.8918, 0.1913,
0.3036

239.2101, 0.2747,
0.3239

 2.7794, 0.1625,
0.2931

288.5135, 0.2769,

 1.0177, 0.0967,

0.3242

0.2785

344.1647, 0.2789,
0.3246

0.0000, 0.0000,
0.0000

55.1679, 0.2517,
0.3196

55.1679, 0.2517,
0.3196

53.0011, 0.2415,
0.3172

57.6991, 0.2635,
0.3219

51.1684, 0.2331,
0.3147

60.6101, 0.2767,
0.3242

49.6449, 0.2267,
0.3122

63.9229, 0.2910,
0.3263

48.3996, 0.2221,
0.3097

67.6562, 0.3061,
0.3282

47.3943, 0.2194,
0.3073

71.8274, 0.3217,
0.3300

 46.8902, 0.2183,
0.3059

 76.4528, 0.3375,
0.3316

 78.0097, 0.3401,
0.3332

 78.8464, 0.3399,
0.3347

 79.6909, 0.3396,
0.3363

Harmonies

Analogous

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



55.1679, 0.2740, 0.3550



55.1679, 0.2517, 0.3196



55.1679, 0.2450, 0.2897

Triad

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



55.1679, 0.2517, 0.3196



55.1679, 0.3148, 0.2818



55.1679, 0.3724, 0.3855

Complementary

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



55.1679, 0.2517, 0.3196



31.5433, 0.4259, 0.3378

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.



55.1679, 0.3853, 0.3623



55.1679, 0.2517, 0.3196



55.1679, 0.3511, 0.3041

Square

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



55.1679, 0.2517, 0.3196



55.1679, 0.2798, 0.2703



55.1679, 0.3776, 0.3328



55.1679, 0.3435, 0.3945

Rectangle

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



55.1679, 0.2517, 0.3196



55.1679, 0.2498, 0.2767



55.1679, 0.3776, 0.3328



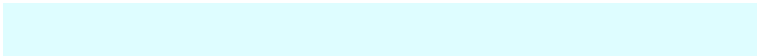
55.1679, 0.3788, 0.3789

Sweetspot

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



55.1700, 0.2517, 0.3196



92.7188, 0.2927, 0.3265



55.2239, 0.3028, 0.4576



19.6037, 0.2894, 0.3261



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.



55.1700, 0.2517, 0.3196



76.6167, 0.2422, 0.3174



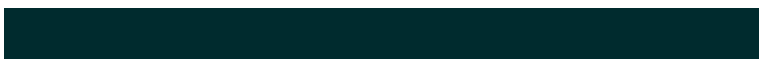
35.1059, 0.2401, 0.2522



14.6591, 0.2982, 0.3272



28.4532, 0.2184, 0.3063



1.8928, 0.2195, 0.3102

Inverse Universe

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



33.0615, 0.3246, 0.2280



41.2605, 0.3275, 0.2097



46.9319, 0.3988, 0.3943



13.2577, 0.3149, 0.3076



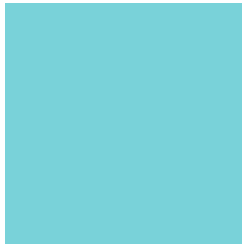
11.4961, 0.3399, 0.1646



0.7498, 0.3365, 0.1627

Previews

White Background



This preview shows how the Yxy color 55.1679, 0.2517, 0.3196 looks on a white background.

Color Contrast Check

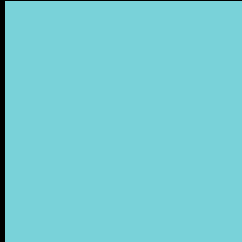
Large Text (above 18pt) WCAG AA × Fail

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 55.1679, 0.2517, 0.3196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

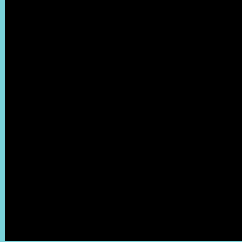
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1679, 0.2517, 0.3196

Background



This preview shows how black text looks on a background with the Yxy color 55.1679, 0.2517, 0.3196.



This preview shows how white text looks on a background with the Yxy color 55.1679, 0.2517, 0.3196.

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

55.1679, 0.2517, 0.3196

Protanopia

54.6907, 0.3040, 0.3133

Deuteranopia

54.4649, 0.2987, 0.2928



Tritanopia

55.3029, 0.2479, 0.3068

Trichromacy



Original Color

55.1679, 0.2517, 0.3196

Protanomaly

54.3365, 0.2816, 0.3151

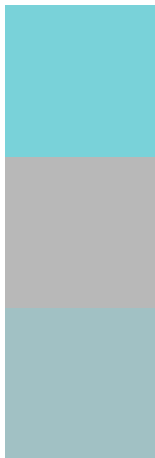
Deuteranomaly

53.8705, 0.2784, 0.3005

Tritanomaly

55.0662, 0.2490, 0.3105

Monochromacy



Original Color

55.1679, 0.2517, 0.3196

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.7025, 0.2859, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1679, 0.2517, 0.3196 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(121, 210, 217)` looks like.

```
.text, #text, p{  
    color:rgb(121, 210, 217)  
}
```

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(121, 210, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 210, 217) }
```

Border

The CSS property to change the border of an element to Yxy 55.1679, 0.2517, 0.3196 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(121, 210, 217) }
```

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

```
.border{ border-color:rgb(121, 210, 217) }
```

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

Here you see how a box with a 4 pixel rgb(121, 210, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 210, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 210, 217);  
box-shadow:4px 4px 4px 4px rgb(121, 210,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1679, 0.2517, 0.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 210, 217) }
```

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

```
.background{ background-color: rgb(121,  
210, 217) }
```

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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