

Converting Colors

$Yxy(56.3224, 0.2593, 0.3800)$

Have a look what the booklet for
Yxy(56.3224, 0.2593, 0.3800)
contains.

Yxy(56.4616, 0.2590, 0.3799)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.4616, 0.2590, 0.3799)

Conversions

Conversions Part 1

Format	Color
Hex	5EDBB7
RGB	94, 219, 183
RGB Percent	37%, 86%, 72%
CMY	0.6314, 0.1412, 0.2824
CMYK	0.57, 0.00, 0.16, 0.14
HSL	163°, 63%, 61%
HSV	163°, 57%, 86%
XYZ	38.4932, 56.4616, 53.6675
YIQ	177.5210, -62.9440, -37.6960

Conversions

Conversions Part 2

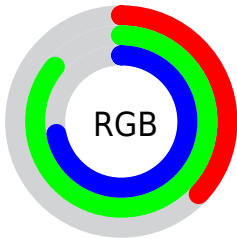
Format	Color
RYB	94, 167, 219
Decimal	6216631
CIELab	79.88, -43.33, 7.32
CIElCh	80, 43.943, 170.412
Yxy	56.4616, 0.2590, 0.3799
Android (android.graphics.Color)	4284406711 (0xFF5EDBB7)
YUV	177.5210, 2.7011, -73.2479
Hunter-Lab	75.1409, -40.0547, 10.2523

Details

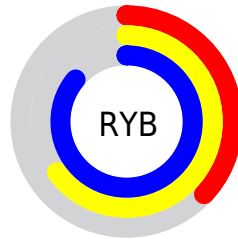
The Yxy color **56.4616, 0.2590, 0.3799** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **24.6753, 0.4339, 0.2875**, and the grayscale version is **44.2640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6220, 0.2652, 0.3470**, and **27.9076, 0.2446, 0.3940** is the 20% darker color. If you saturate the color by 10%, you get **55.2091, 0.2541, 0.3907**, and if you desaturate by 10%, it is **58.0587, 0.2656, 0.3695**.

Distribution



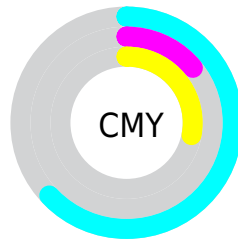
- Red (37%)
- Green (86%)
- Blue (72%)



- Red (37%)
- Yellow (65%)
- Blue (86%)



- Cyan (57%)
- Magenta (0%)
- Yellow (16%)
- Black (14%)




- Cyan (63%)
- Magenta (14%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4616, 0.2590, 0.3799 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 56.4616, 0.2590, 0.3799 by changing the saturation by 10% instead.

 56.4616, 0.2590,
0.3799

 56.4616, 0.2590,
0.3799


411.4288, 0.2852,
0.3546

 40.5731, 0.2527,
0.3862

 99.6792, 0.2684,
0.3707

 27.9857, 0.2446,
0.3942


 127.7771, 0.2719,
0.3673

 18.3149, 0.2342,
0.4049


 160.7135, 0.2750,
0.3643

 11.1763, 0.2200,
0.4196

 198.8730, 0.2776,
0.3618

 6.1855, 0.1997,
0.4413

242.6399, 0.2799,
0.3597

 2.9582, 0.1687,
0.4760

292.3985, 0.2819,

 1.1100, 0.0000,

0.3577

0.6205

348.5334, 0.2836,
0.3561

■ 0.0000, 0.0000,
0.0000

■ 56.4616, 0.2590,
0.3799

■ 56.4616, 0.2590,
0.3799

■ 55.2091, 0.2541,
0.3907

■ 58.0587, 0.2656,
0.3695

■ 54.2657, 0.2513,
0.4016

■ 60.0191, 0.2738,
0.3596

■ 53.6001, 0.2504,
0.4126

■ 62.3680, 0.2833,
0.3504

■ 53.1679, 0.2514,
0.4234

■ 65.1264, 0.2936,
0.3418

■ 53.0640, 0.2518,
0.4265

■ 68.3137, 0.3047,
0.3341

■ 71.9483, 0.3161,
0.3270

■ 76.0473, 0.3276,
0.3207

■ 77.8356, 0.3289,
0.3147

■ 78.2035, 0.3245,
0.3085

Harmonies

Analogous

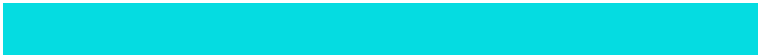
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.4616, 0.3117, 0.4238



56.4616, 0.2590, 0.3799



56.4616, 0.2227, 0.3211

Triad

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



56.4616, 0.2590, 0.3799



56.4616, 0.2535, 0.2391



56.4616, 0.4278, 0.3698

Complementary

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



56.4616, 0.2590, 0.3799



24.6753, 0.4339, 0.2875

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.



56.4616, 0.4107, 0.3250



56.4616, 0.2590, 0.3799



56.4616, 0.3051, 0.2535

Square

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



56.4616, 0.2590, 0.3799



56.4616, 0.2203, 0.2445



56.4616, 0.3640, 0.2839



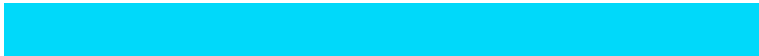
56.4616, 0.4107, 0.4100

Rectangle

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



56.4616, 0.2590, 0.3799



56.4616, 0.2113, 0.2864



56.4616, 0.3640, 0.2839



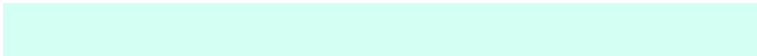
56.4616, 0.4260, 0.3549

Sweetspot

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



56.4638, 0.2590, 0.3799



91.9069, 0.2936, 0.3419



56.3386, 0.3266, 0.5001



19.4929, 0.2914, 0.3436



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.



56.4638, 0.2590, 0.3799



77.5596, 0.2532, 0.3934



46.0780, 0.2341, 0.2940



14.7623, 0.3020, 0.3358



31.4824, 0.2514, 0.4249



2.0542, 0.2465, 0.4073

Inverse Universe

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



24.6753, 0.4339, 0.2875



28.4635, 0.4781, 0.2832



29.0600, 0.4665, 0.3584



13.1129, 0.3247, 0.3223



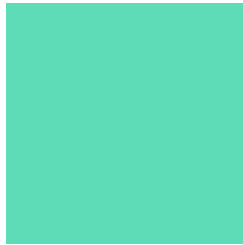
9.1597, 0.5793, 0.2965



0.6082, 0.5324, 0.2706

Previews

White Background



This preview shows how the Yxy color 56.4616, 0.2590, 0.3799 looks on a white background.

Color Contrast Check

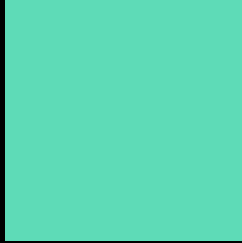
Large Text (above 18pt) WCAG AA × Fail

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 56.4616, 0.2590, 0.3799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

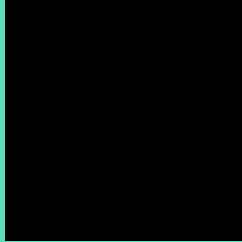
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

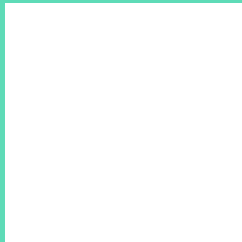
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4616, 0.2590, 0.3799

Background



This preview shows how black text looks on a background with the Yxy color 56.4616, 0.2590, 0.3799.



This preview shows how white text looks on a background with the Yxy color 56.4616, 0.2590, 0.3799.

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

56.4616, 0.2590, 0.3799

Protanopia

55.5419, 0.3399, 0.3593

Deuteranopia

55.4065, 0.3368, 0.3302



Tritanopia

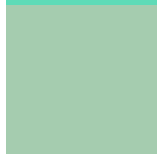
56.1151, 0.2409, 0.3054

Trichromacy



Original Color

56.4616, 0.2590, 0.3799



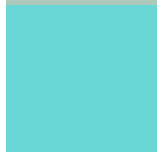
Protanomaly

54.2802, 0.3034, 0.3673



Deuteranomaly

54.2454, 0.3012, 0.3470



Tritanomaly

56.3480, 0.2472, 0.3315

Monochromacy



Original Color

56.4616, 0.2590, 0.3799



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

47.6383, 0.2866, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4616, 0.2590, 0.3799 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(94, 219, 183)` looks like.

```
.text, #text, p{  
    color:rgb(94, 219, 183)  
}
```

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(94, 219, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 219, 183) }
```

Border

The CSS property to change the border of an element to Yxy 56.4616, 0.2590, 0.3799 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(94, 219, 183) }
```

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

```
.border{ border-color:rgb(94, 219, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 219, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 219, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 219, 183); box-shadow:4px 4px 4px 4px rgb(94, 219, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4616, 0.2590, 0.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 219, 183) }
```

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

```
.background{ background-color: rgb(94, 219,  
183) }
```

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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