

Converting Colors

$Yxy(53.4291, 0.2488, 0.3896)$

Have a look what the booklet for
Yxy(53.4291, 0.2488, 0.3896)
contains.

Yxy(53.5446, 0.2488, 0.3899)	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(53.5446, 0.2488, 0.3899)

Conversions

Conversions Part 1

Format	Color
Hex	36D9B0
RGB	54, 217, 176
RGB Percent	21%, 85%, 69%
CMY	0.7886, 0.1490, 0.3097
CMYK	0.75, 0.00, 0.19, 0.15
HSL	165°, 68%, 53%
HSV	165°, 75%, 85%
XYZ	34.1675, 53.5446, 49.6170
YIQ	163.5890, -83.9870, -47.3070

Conversions

Conversions Part 2

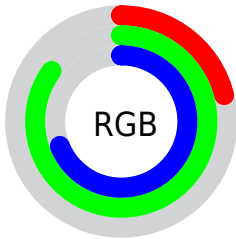
Format	Color
RYB	54, 147, 217
Decimal	3594672
CIELab	78.20, -50.50, 8.50
CIELCh	78, 51.207, 170.444
Yxy	53.5446, 0.2488, 0.3899
Android (android.graphics.Color)	4281784752 (0xFF36D9B0)
YUV	163.5890, 6.1186, -96.1096
Hunter-Lab	73.1742, -44.7072, 11.0193

Details

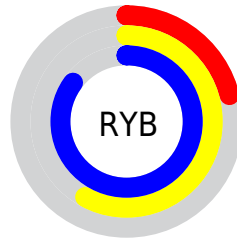
The Yxy color **53.5446, 0.2488, 0.3899** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **18.2057, 0.5092, 0.2898**, and the grayscale version is **36.9067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7062, 0.2561, 0.3560**, and **26.9450, 0.2455, 0.4038** is the 20% darker color. If you saturate the color by 10%, you get **52.8639, 0.2472, 0.3993**, and if you desaturate by 10%, it is **54.5056, 0.2524, 0.3805**.

Distribution



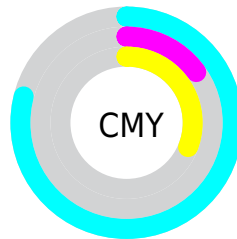
- Red (21%)
- Green (85%)
- Blue (69%)



- Red (21%)
- Yellow (58%)
- Blue (85%)



- Cyan (75%)
- Magenta (0%)
- Yellow (19%)
- Black (15%)




- Cyan (79%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5446, 0.2488, 0.3899 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 53.5446, 0.2488, 0.3899 by changing the saturation by 10% instead.


 53.5446, 0.2488,
0.3899

 53.5446, 0.2488,
0.3899


400.3710, 0.2803,
0.3592


 38.2377, 0.2411,
0.3976


 95.4053, 0.2601,
0.3787

 26.1672, 0.2313,
0.4076


 122.7278, 0.2644,
0.3745


 16.9488, 0.2186,
0.4209


 154.8244, 0.2681,
0.3709

 10.1980, 0.2011,
0.4394

 192.0793, 0.2712,
0.3679

 5.5304, 0.1762,
0.4671

 234.8771, 0.2739,
0.3653

 2.5617, 0.1366,
0.5132

283.6020, 0.2763,

 0.9075, 0.0000,

0.3630

0.6975

338.6385, 0.2784,
0.3610

0.0000, 0.0000,
0.0000

53.5446, 0.2488,
0.3899

53.5446, 0.2488,
0.3899

52.8639, 0.2472,
0.3993

54.5056, 0.2524,
0.3805

52.4184, 0.2475,
0.4087

55.7724, 0.2579,
0.3713

52.2555, 0.2481,
0.4132


57.3744, 0.2652,
0.3624


59.3358, 0.2740,
0.3540

61.6787, 0.2840,
0.3461

 64.4232, 0.2950,
0.3388

 67.5882, 0.3066,
0.3322

 71.1912, 0.3185,
0.3262

 75.2487, 0.3307,
0.3208

Harmonies

Analogous

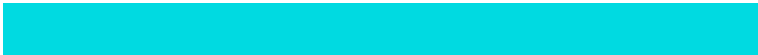
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.5446, 0.3101, 0.4434



53.5446, 0.2488, 0.3899



53.5446, 0.2075, 0.3183

Triad

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



53.5446, 0.2488, 0.3899



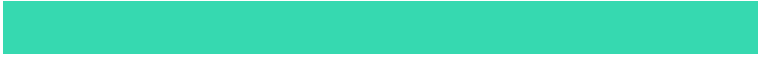
53.5446, 0.2431, 0.2248



53.5446, 0.4487, 0.3745

Complementary

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



53.5446, 0.2488, 0.3899



18.2057, 0.5092, 0.2898

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.



53.5446, 0.4292, 0.3230



53.5446, 0.2488, 0.3899



53.5446, 0.3032, 0.2415

Square

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



53.5446, 0.2488, 0.3899



53.5446, 0.2053, 0.2301



53.5446, 0.3732, 0.2762



53.5446, 0.4272, 0.4224

Rectangle

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



53.5446, 0.2488, 0.3899



53.5446, 0.1948, 0.2774



53.5446, 0.3732, 0.2762



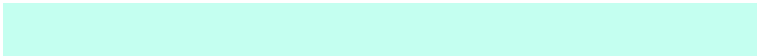
53.5446, 0.4470, 0.3572

Sweetspot

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



53.5467, 0.2488, 0.3899



89.6096, 0.2861, 0.3446



52.4584, 0.3208, 0.5527



18.8939, 0.2822, 0.3474



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.



53.5467, 0.2488, 0.3899



75.7793, 0.2472, 0.4046



38.0112, 0.2160, 0.2724



14.7707, 0.3015, 0.3349



31.6478, 0.2477, 0.4118



2.0638, 0.2435, 0.3966

Inverse Universe

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



18.2057, 0.5092, 0.2898



22.6040, 0.5674, 0.2971



22.6648, 0.5350, 0.3663



13.1049, 0.3252, 0.3231



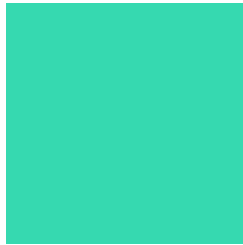
9.1086, 0.5915, 0.3032



0.6039, 0.5447, 0.2774

Previews

White Background



This preview shows how the Yxy color 53.5446, 0.2488, 0.3899 looks on a white background.

Color Contrast Check

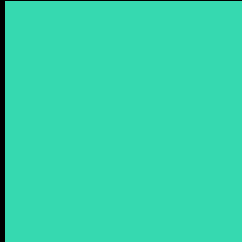
Large Text (above 18pt) WCAG AA × Fail

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 53.5446, 0.2488, 0.3899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

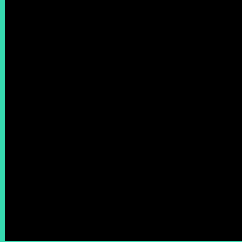
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

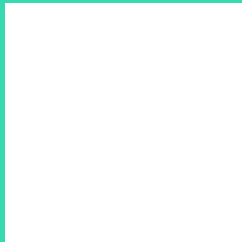
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5446, 0.2488, 0.3899

Background



This preview shows how black text looks on a background with the Yxy color 53.5446, 0.2488, 0.3899.

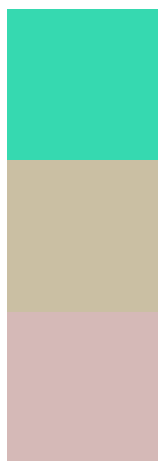


This preview shows how white text looks on a background with the Yxy color 53.5446, 0.2488, 0.3899.

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

53.5446, 0.2488, 0.3899

Protanopia

52.4625, 0.3439, 0.3638

Deuteranopia

52.2630, 0.3383, 0.3315



Tritanopia

53.4331, 0.2312, 0.3059

Trichromacy



Original Color

53.5446, 0.2488, 0.3899



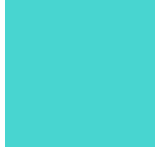
Protanomaly

50.4316, 0.2957, 0.3735



Deuteranomaly

50.1964, 0.2926, 0.3520



Tritanomaly

53.5203, 0.2375, 0.3358

Monochromacy



Original Color

53.5446, 0.2488, 0.3899



Achromatopsia

37.1238, 0.3127, 0.3290



Achromatomaly

40.9792, 0.2773, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5446, 0.2488, 0.3899 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(54, 217, 176)` looks like.

```
.text, #text, p{  
    color:rgb(54, 217, 176)  
}
```

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(54, 217, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 217, 176) }
```

Border

The CSS property to change the border of an element to Yxy 53.5446, 0.2488, 0.3899 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(54, 217, 176) }
```

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

```
.border{ border-color:rgb(54, 217, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 217, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 217, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 217, 176);  
box-shadow:4px 4px 4px 4px rgb(54, 217,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5446, 0.2488, 0.3899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 217, 176) }
```

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

```
.background{ background-color: rgb(54, 217,  
176) }
```

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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