

Converting Colors

$Yxy(43.3577, 0.2748, 0.4909)$

Have a look what the booklet for
Yxy(43.3577, 0.2748, 0.4909)
contains.

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Color

Yxy(43.1712, 0.2746, 0.4903)

Conversions

Conversions Part 1

Format	Color
Hex	23C96A
RGB	35, 201, 106
RGB Percent	14%, 79%, 42%
CMY	0.8633, 0.2117, 0.5842
CMYK	0.83, 0.00, 0.47, 0.21
HSL	146°, 70%, 46%
HSV	146°, 83%, 79%
XYZ	24.1787, 43.1712, 20.7007
YIQ	140.5360, -68.4410, -64.7370

Conversions

Conversions Part 2

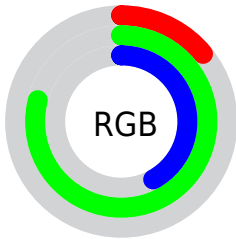
Format	Color
RYB	35, 151, 201
Decimal	2345322
CIELab	71.67, -61.08, 36.16
CIELCh	72, 70.979, 149.378
Yxy	43.1712, 0.2746, 0.4903
Android (android.graphics.Color)	4280535402 (0xFF23C96A)
YUV	140.5360, -17.0262, -92.5551
Hunter-Lab	65.7048, -49.2972, 27.3137

Details

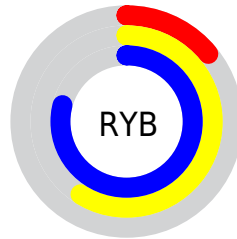
The Yxy color **43.1712, 0.2746, 0.4903** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **15.2200, 0.4322, 0.2292**, and the grayscale version is **26.5185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3382, 0.2834, 0.4524**, and **20.5363, 0.2815, 0.5333** is the 20% darker color. If you saturate the color by 10%, you get **42.6942, 0.2768, 0.5110**, and if you desaturate by 10%, it is **43.8846, 0.2743, 0.4684**.

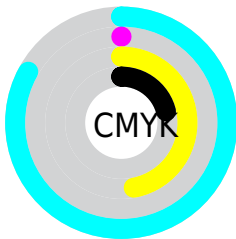
Distribution



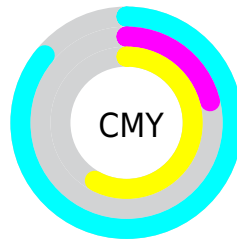
- Red (14%)
- Green (79%)
- Blue (42%)



- Red (14%)
- Yellow (59%)
- Blue (79%)



- Cyan (83%)
- Magenta (0%)
- Yellow (47%)
- Black (21%)




- Cyan (86%)
- Magenta (21%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1712, 0.2746, 0.4903 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 43.1712, 0.2746, 0.4903 by changing the saturation by 10% instead.

 43.1712, 0.2746,
0.4903


 43.1712, 0.2746,
0.4903


359.3154, 0.2977,
0.4020


 30.0195, 0.2673,
0.5147


 79.9691, 0.2841,
0.4564

 19.8534, 0.2570,
0.5472


 104.3841, 0.2873,
0.4442


 12.2885, 0.2416,
0.5922


 133.3223, 0.2899,
0.4341

 6.9405, 0.2168,
0.6574

 167.1682, 0.2921,
0.4256

 3.4249, 0.1836,
0.7967

 206.3060, 0.2938,
0.4184

 1.3574, 0.0000,
1.0000

251.1202, 0.2953,

 0.1850, 0.0000,


0.4122

1.0000


301.9952, 0.2966,
0.4067

 0.0000, 0.0000,
0.0000

 43.1712, 0.2746,
0.4903

 43.1712, 0.2746,
0.4903


 42.6942, 0.2768,
0.5110


 43.8846, 0.2743,
0.4684

 42.4504, 0.2792,
0.5250

 44.8605, 0.2760,
0.4460

 46.1268, 0.2793,
0.4239

 47.7064, 0.2840,
0.4026

 49.6198, 0.2899,
0.3826

■ 51.8857, 0.2965,
0.3642

■ 54.5215, 0.3035,
0.3476

■ 57.5432, 0.3108,
0.3327

■ 60.9661, 0.3181,
0.3194

Harmonies

Analogous

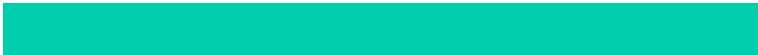
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.1712, 0.3674, 0.5166



43.1712, 0.2746, 0.4903



43.1712, 0.1973, 0.3874

Triad

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



43.1712, 0.2746, 0.4903



43.1712, 0.1749, 0.1852



43.1712, 0.5002, 0.3340

Complementary

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



43.1712, 0.2746, 0.4903



15.2200, 0.4322, 0.2292

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.



43.1712, 0.4307, 0.2704



43.1712, 0.2746, 0.4903



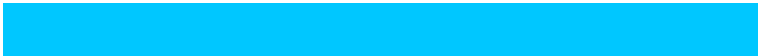
43.1712, 0.2343, 0.1892

Square

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



43.1712, 0.2746, 0.4903



43.1712, 0.1490, 0.2120



43.1712, 0.3266, 0.2192



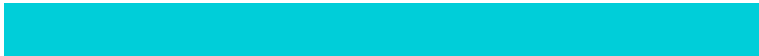
43.1712, 0.5040, 0.4031

Rectangle

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



43.1712, 0.2746, 0.4903



43.1712, 0.1649, 0.3115



43.1712, 0.3266, 0.2192



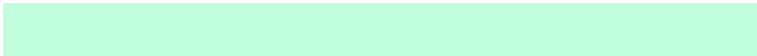
43.1712, 0.4837, 0.3120

Sweetspot

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



43.1730, 0.2746, 0.4903



87.7199, 0.2946, 0.3690



46.7852, 0.3548, 0.5412



18.4775, 0.2923, 0.3755



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.



43.1730, 0.2746, 0.4903



72.6771, 0.2795, 0.5257



45.7266, 0.2340, 0.3501



11.9620, 0.3059, 0.3425



26.7064, 0.2784, 0.5224



1.2790, 0.2668, 0.4806

Inverse Universe

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



15.2200, 0.4322, 0.2292



23.4178, 0.4673, 0.2352



13.8318, 0.5831, 0.3196



10.7369, 0.3202, 0.3159



8.6032, 0.4641, 0.2330



0.4217, 0.4264, 0.2123

Previews

White Background



This preview shows how the Yxy color 43.1712, 0.2746, 0.4903 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 43.1712, 0.2746, 0.4903 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 43.1712, 0.2746, 0.4903

Background



This preview shows how black text looks on a background with the Yxy color 43.1712, 0.2746, 0.4903.



This preview shows how white text looks on a background with the Yxy color 43.1712, 0.2746, 0.4903.

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

43.1712, 0.2746, 0.4903

Protanopia

42.1930, 0.3949, 0.4301

Deuteranopia

42.0656, 0.4015, 0.3925



Tritanopia

43.0285, 0.2346, 0.3068

Trichromacy



Original Color

43.1712, 0.2746, 0.4903



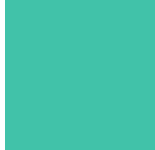
Protanomaly

40.2694, 0.3333, 0.4585



Deuteranomaly

39.5210, 0.3368, 0.4308



Tritanomaly

42.5720, 0.2480, 0.3688

Monochromacy



Original Color

43.1712, 0.2746, 0.4903



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

30.5777, 0.2874, 0.3911

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1712, 0.2746, 0.4903 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(35, 201, 106)` looks like.

```
.text, #text, p{  
    color:rgb(35, 201, 106)  
}
```

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(35, 201, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 201, 106) }
```

Border

The CSS property to change the border of an element to Yxy 43.1712, 0.2746, 0.4903 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(35, 201, 106) }
```

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

```
.border{ border-color:rgb(35, 201, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 201, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 201, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 201, 106);  
box-shadow:4px 4px 4px 4px rgb(35, 201,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1712, 0.2746, 0.4903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 201, 106) }
```

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

```
.background{ background-color: rgb(35, 201,  
106) }
```

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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