

Converting Colors

$Yxy(36.0700, 0.2753, 0.3975)$

Have a look what the booklet for
Yxy(36.0700, 0.2753, 0.3975)
contains.

Yxy(35.9511, 0.2752, 0.3971)	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(35.9511, 0.2752, 0.3971)

Conversions

Conversions Part 1

Format	Color
Hex	5CB28A
RGB	92, 178, 138
RGB Percent	36%, 70%, 54%
CMY	0.6395, 0.3019, 0.4588
CMYK	0.48, 0.00, 0.22, 0.30
HSL	152°, 36%, 53%
HSV	152°, 48%, 70%
XYZ	24.9150, 35.9511, 29.6680
YIQ	147.7260, -38.4160, -30.6720

Conversions

Conversions Part 2

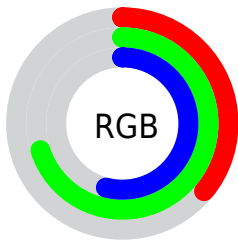
Format	Color
RYB	92, 148, 178
Decimal	6075018
CIELab	66.48, -35.53, 12.55
CIELCh	66, 37.684, 160.545
Yxy	35.9511, 0.2752, 0.3971
Android (android.graphics.Color)	4284265098 (0xFF5CB28A)
YUV	147.7260, -4.7949, -48.8717
Hunter-Lab	59.9592, -30.7562, 12.6346

Details

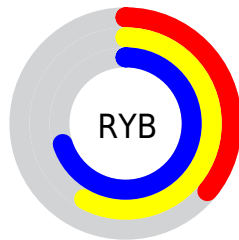
The Yxy color **35.9511, 0.2752, 0.3971** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **18.7715, 0.3809, 0.2714**, and the grayscale version is **29.5191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8103, 0.2832, 0.3832**, and **15.7119, 0.2621, 0.4222** is the 20% darker color. If you saturate the color by 10%, you get **34.9113, 0.2703, 0.4144**, and if you desaturate by 10%, it is **37.2274, 0.2815, 0.3807**.

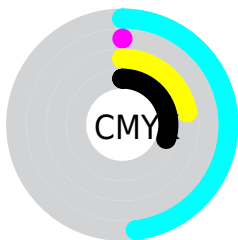
Distribution



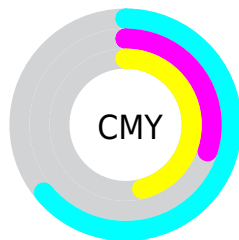
- Red (36%)
- Green (70%)
- Blue (54%)



- Red (36%)
- Yellow (58%)
- Blue (70%)



- Cyan (48%)
- Magenta (0%)
- Yellow (22%)
- Black (30%)





- Cyan (64%)
- Magenta (30%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.9511, 0.2752, 0.3971 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 35.9511, 0.2752, 0.3971 by changing the saturation by 10% instead.

 35.9511, 0.2752,
0.3971


 35.9511, 0.2752,
0.3971


328.7468, 0.2955,
0.3601

 24.3964, 0.2696,
0.4075


 68.9566, 0.2830,
0.3829


 15.6280, 0.2620,
0.4215


 91.1762, 0.2857,
0.3778

 9.2613, 0.2513,
0.4415


 117.7196, 0.2881,
0.3735

 4.9120, 0.2350,
0.4723

 148.9711, 0.2900,
0.3700

 2.1957, 0.2075,
0.5253

185.3152, 0.2917,
0.3669

 0.7177, 0.0000,
1.0000

227.1362, 0.2931,

 0.0000, 0.0000,

0.3643

0.0000

274.8186, 0.2944,
0.3621

■ 35.9511, 0.2752,
0.3971

■ 35.9511, 0.2752,
0.3971

■ 34.9113, 0.2703,
0.4144

■ 37.2274, 0.2815,
0.3807

■ 34.0879, 0.2670,
0.4324

■ 38.7501, 0.2888,
0.3654

■ 33.4646, 0.2656,
0.4505


■ 40.5337, 0.2969,
0.3513

■ 33.0206, 0.2662,
0.4683

■ 42.5902, 0.3054,
0.3386


■ 32.7213, 0.2685,
0.4855

■ 44.9311, 0.3142,
0.3272

 32.6776, 0.2690,
0.4883

 47.5671, 0.3229,
0.3171

 50.5082, 0.3316,
0.3081

 53.7641, 0.3400,
0.3002

 57.3440, 0.3482,
0.2933

Harmonies

Analogous

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



35.9511, 0.3304, 0.4307



35.9511, 0.2752, 0.3971



35.9511, 0.2325, 0.3403

Triad

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



35.9511, 0.2752, 0.3971



35.9511, 0.2404, 0.2388



35.9511, 0.4257, 0.3550

Complementary

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



35.9511, 0.2752, 0.3971



18.7715, 0.3809, 0.2714

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.



35.9511, 0.3977, 0.3108



35.9511, 0.2752, 0.3971



35.9511, 0.2867, 0.2470

Square

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



35.9511, 0.2752, 0.3971



35.9511, 0.2144, 0.2513



35.9511, 0.3448, 0.2726



35.9511, 0.4195, 0.3977

Rectangle

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



35.9511, 0.2752, 0.3971



35.9511, 0.2159, 0.3027



35.9511, 0.3448, 0.2726



35.9511, 0.4200, 0.3400

Sweetspot

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



35.9526, 0.2752, 0.3971



74.5956, 0.2995, 0.3472



37.5313, 0.3388, 0.4644



16.3613, 0.2977, 0.3500



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.9526, 0.2752, 0.3971



63.1911, 0.2700, 0.4156



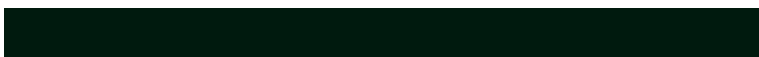
36.2024, 0.2490, 0.3242



9.5636, 0.3046, 0.3398



23.3898, 0.2684, 0.4864



0.7476, 0.2550, 0.4379

Inverse Universe

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



18.7715, 0.3809, 0.2714



28.3379, 0.4043, 0.2607



18.3846, 0.4420, 0.3335



8.5688, 0.3217, 0.3185



7.2288, 0.5076, 0.2570



0.2393, 0.4425, 0.2211

Previews

White Background



This preview shows how the Yxy color 35.9511, 0.2752, 0.3971 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 35.9511, 0.2752, 0.3971 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 35.9511, 0.2752, 0.3971

Background



This preview shows how black text looks on a background with the Yxy color 35.9511, 0.2752, 0.3971.



This preview shows how white text looks on a background with the Yxy color 35.9511, 0.2752, 0.3971.

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

35.9511, 0.2752, 0.3971

Protanopia

35.3845, 0.3525, 0.3742

Deuteranopia

35.4931, 0.3528, 0.3458



Tritanopia

36.0111, 0.2515, 0.3087

Trichromacy



Original Color

35.9511, 0.2752, 0.3971



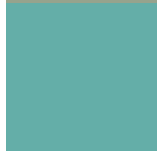
Protanomaly

35.0542, 0.3193, 0.3841



Deuteranomaly

34.6015, 0.3197, 0.3629



Tritanomaly

35.8086, 0.2596, 0.3385

Monochromacy



Original Color

35.9511, 0.2752, 0.3971



Achromatopsia

29.6138, 0.3127, 0.3290



Achromatomaly

31.3991, 0.2966, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9511, 0.2752, 0.3971 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(92, 178, 138)` looks like.

```
.text, #text, p{  
    color:rgb(92, 178, 138)  
}
```

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(92, 178, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 178, 138) }
```

Border

The CSS property to change the border of an element to Yxy 35.9511, 0.2752, 0.3971 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(92, 178, 138) }
```

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

```
.border{ border-color:rgb(92, 178, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 178, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 178, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 178, 138);  
box-shadow:4px 4px 4px 4px rgb(92, 178,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9511, 0.2752, 0.3971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 178, 138) }
```

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

```
.background{ background-color: rgb(92, 178,  
138) }
```

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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