

Converting Colors

$Yxy(43.8203, 0.2788, 0.3867)$

Have a look what the booklet for
Yxy(43.8203, 0.2788, 0.3867)
contains.

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Color

Yxy(43.9512, 0.2792, 0.3874)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 70C19B |
| RGB | 112, 193, 155 |
| RGB Percent | 44%, 76%, 61% |
| CMY | 0.5605, 0.2432, 0.3921 |
| CMYK | 0.42, 0.00, 0.20, 0.24 |
| HSL | 152°, 39%, 60% |
| HSV | 152°, 42%, 76% |
| XYZ | 31.6757, 43.9512, 37.8248 |
| YIQ | 164.4490, -36.0780, -28.9900 |

Conversions

Conversions Part 2

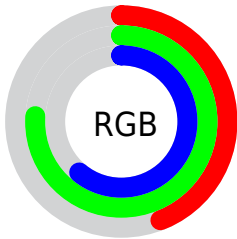
| Format | Color |
|-------------------------------------|--|
| RYB | 112, 165, 193 |
| Decimal | 7389595 |
| CIELab | 72.20, -33.50, 11.47 |
| CIElCh | 72, 35.406, 161.103 |
| Yxy | 43.9512, 0.2792, 0.3874 |
| Android (android.graphics.Color) | 4285579675 (0xFF70C19B) |
| YUV | 164.4490, -4.6584, -45.9978 |
| Hunter-Lab | 66.2957, -30.7312, 12.5793 |

Details

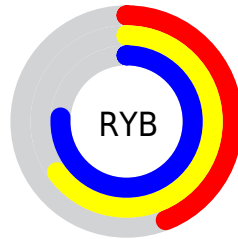
The Yxy color **43.9512, 0.2792, 0.3874** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **25.1462, 0.3683, 0.2781**, and the grayscale version is **37.3942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1902, 0.2859, 0.3766**, and **20.3643, 0.2687, 0.4060** is the 20% darker color. If you saturate the color by 10%, you get **42.5256, 0.2734, 0.4045**, and if you desaturate by 10%, it is **45.6746, 0.2862, 0.3714**.

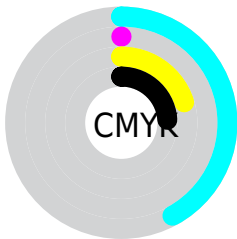
Distribution



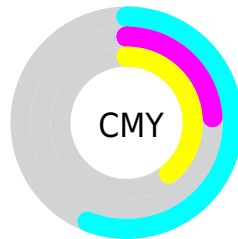
- Red (44%)
- Green (76%)
- Blue (61%)



- Red (44%)
- Yellow (65%)
- Blue (76%)



- Cyan (42%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)





- Cyan (56%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9512, 0.2792, 0.3874 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 43.9512, 0.2792, 0.3874 by changing the saturation by 10% instead.


 43.9512, 0.2792,
0.3874

 43.9512, 0.2792,
0.3874


362.5091, 0.2966,
0.3568

 30.6321, 0.2746,
0.3955


 81.1443, 0.2857,
0.3759

 20.3189, 0.2686,
0.4063

 105.7871, 0.2881,
0.3717

 12.6271, 0.2603,
0.4211


 134.9734, 0.2901,
0.3682

 7.1723, 0.2484,
0.4428

169.0874, 0.2918,
0.3652

 3.5701, 0.2294,
0.4776

208.5136, 0.2933,
0.3627

 1.4361, 0.1811,
0.5588

253.6363, 0.2945,


 0.2431, 0.0000,


0.3604


1.0000


304.8400, 0.2957,
0.3585


 0.0000, 0.0000,
0.0000


 43.9512, 0.2792,
0.3874

 43.9512, 0.2792,
0.3874

 42.5256, 0.2734,
0.4045


 45.6746, 0.2862,
0.3714


 41.3745, 0.2691,
0.4224

 47.7068, 0.2940,
0.3566


 40.4795, 0.2666,
0.4407


 50.0649, 0.3024,
0.3432


 39.8178, 0.2660,
0.4591

 52.7630, 0.3110,
0.3312

 39.3622, 0.2674,
0.4769

 55.8143, 0.3198,
0.3204

 39.1034, 0.2697,
0.4908

 59.2315, 0.3285,
0.3109

 63.0266, 0.3370,
0.3026

 64.9697, 0.3361,
0.2942

 65.4847, 0.3292,
0.2854

Harmonies

Analogous

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



43.9512, 0.3281, 0.4172



43.9512, 0.2792, 0.3874



43.9512, 0.2413, 0.3384

Triad

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



43.9512, 0.2792, 0.3874



43.9512, 0.2493, 0.2487



43.9512, 0.4122, 0.3538

Complementary

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



43.9512, 0.2792, 0.3874



25.1462, 0.3683, 0.2781

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.



43.9512, 0.3880, 0.3140



43.9512, 0.2792, 0.3874



43.9512, 0.2909, 0.2561

Square

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



43.9512, 0.2792, 0.3874



43.9512, 0.2255, 0.2600



43.9512, 0.3422, 0.2794



43.9512, 0.4067, 0.3914

Rectangle

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



43.9512, 0.2792, 0.3874



43.9512, 0.2264, 0.3057



43.9512, 0.3422, 0.2794



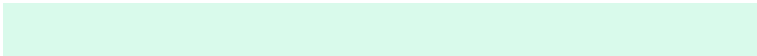
43.9512, 0.4073, 0.3404

Sweetspot

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



43.9530, 0.2792, 0.3874



89.1020, 0.3013, 0.3449



45.9052, 0.3376, 0.4453



18.9061, 0.2994, 0.3478



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.9530, 0.2792, 0.3874



76.4373, 0.2740, 0.4025



44.8427, 0.2558, 0.3269



11.3461, 0.3046, 0.3400



26.0270, 0.2691, 0.4886



1.1384, 0.2582, 0.4496

Inverse Universe

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



25.1462, 0.3683, 0.2781



38.4046, 0.3859, 0.2679



24.4138, 0.4188, 0.3312



10.1548, 0.3217, 0.3182



8.0546, 0.5065, 0.2564



0.3619, 0.4545, 0.2277

Previews

White Background



This preview shows how the Yxy color 43.9512, 0.2792, 0.3874 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 43.9512, 0.2792, 0.3874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

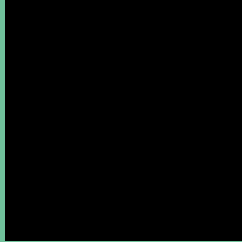
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9512, 0.2792, 0.3874

Background



This preview shows how black text looks on a background with the Yxy color 43.9512, 0.2792, 0.3874.



This preview shows how white text looks on a background with the Yxy color 43.9512, 0.2792, 0.3874.

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

43.9512, 0.2792, 0.3874

Protanopia

43.5651, 0.3472, 0.3693

Deuteranopia

43.4296, 0.3486, 0.3419



Tritanopia

44.0159, 0.2558, 0.3077

Trichromacy



Original Color

43.9512, 0.2792, 0.3874

Protanomaly

42.9968, 0.3190, 0.3763

Deuteranomaly

42.5249, 0.3193, 0.3570

Tritanomaly

43.8199, 0.2640, 0.3347

Monochromacy



Original Color

43.9512, 0.2792, 0.3874

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

39.2529, 0.2980, 0.3498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9512, 0.2792, 0.3874 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(112, 193, 155)` looks like.

```
.text, #text, p{  
    color:rgb(112, 193, 155)  
}
```

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(112, 193, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 193, 155) }
```

Border

The CSS property to change the border of an element to Yxy 43.9512, 0.2792, 0.3874 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(112, 193, 155) }
```

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

```
.border{ border-color:rgb(112, 193, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 193, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 193, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 193, 155);  
box-shadow:4px 4px 4px 4px rgb(112, 193,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9512, 0.2792, 0.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 193, 155) }
```

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

```
.background{ background-color: rgb(112,  
193, 155) }
```

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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