

Converting Colors

$Y_{xy}(14.5906, 0.4990, 0.2939)$

Have a look what the booklet for
Yxy(14.5906, 0.4990, 0.2939)
contains.

Yxy(14.6107, 0.4985, 0.2939)	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(14.6107, 0.4985, 0.2939)

Conversions

Conversions Part 1

Format	Color
Hex	C03756
RGB	192, 55, 86
RGB Percent	75%, 22%, 34%
CMY	0.2471, 0.7842, 0.6627
CMYK	0.00, 0.71, 0.55, 0.25
HSL	346°, 55%, 48%
HSV	346°, 71%, 75%
XYZ	24.7820, 14.6107, 10.3205
YIQ	99.4970, 71.7010, 38.6850

Conversions

Conversions Part 2

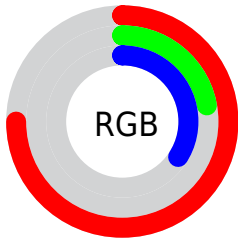
Format	Color
R _Y B	192, 55, 86
Decimal	12597078
CIE Lab	45.10, 56.08, 14.15
CIE LCh	45, 57.837, 14.161
Yxy	14.6107, 0.4985, 0.2939
Android (android.graphics.Color)	4290787158 (0xFFC03756)
YUV	99.4970, -6.6540, 81.1251
Hunter-Lab	38.2239, 48.8363, 10.7485

Details

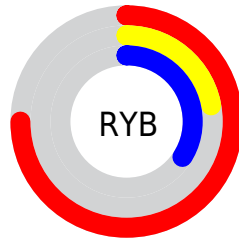
The Yxy color **14.6107, 0.4985, 0.2939** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **41.0795, 0.2483, 0.3798**, and the grayscale version is **12.6159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0008, 0.4540, 0.3053**, and **5.0656, 0.5655, 0.2889** is the 20% darker color. If you saturate the color by 10%, you get **12.9129, 0.5384, 0.2958**, and if you desaturate by 10%, it is **17.0692, 0.4593, 0.2954**.

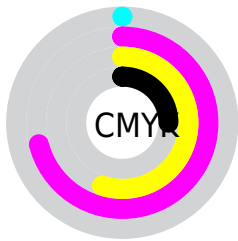
Distribution



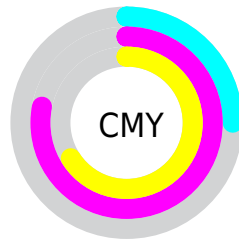
- Red (75%)
- Green (22%)
- Blue (34%)



- Red (75%)
- Yellow (22%)
- Blue (34%)



- Cyan (0%)
- Magenta (71%)
- Yellow (55%)
- Black (25%)





- Cyan (25%)
- Magenta (78%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.6107, 0.4985, 0.2939 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 14.6107, 0.4985, 0.2939 by changing the saturation by 10% instead.


 14.6107, 0.4985,
0.2939


 14.6107, 0.4985,
0.2939


220.9976, 0.3880,
0.3186


 8.5466, 0.5331,
0.2840


 34.1688, 0.4534,
0.3053


 4.4467, 0.5820,
0.2683

 48.4316, 0.4380,
0.3087


 1.9264, 0.6546,
0.2414

 66.1960, 0.4256,
0.3114

 0.5642, 0.8107,
0.1893

 87.8466, 0.4154,
0.3135

 0.0000, 1.0000,
0.0000

 113.7676, 0.4068,
0.3152

 0.0000, 0.0000,
0.0000

144.3436, 0.3996,

0.3165

179.9588, 0.3934,
0.3177

■ 14.6107, 0.4985,
0.2939

■ 14.6107, 0.4985,
0.2939

■ 12.9129, 0.5384,
0.2958

■ 17.0692, 0.4593,
0.2954

■ 11.8826, 0.5747,
0.3015

■ 20.3622, 0.4236,
0.2993

■ 11.3823, 0.6008,
0.3083

■ 24.5578, 0.3928,
0.3046

■ 29.7160, 0.3669,
0.3106

■ 35.8919, 0.3457,
0.3167

■ 43.1363, 0.3284,
0.3227

■ 51.4965, 0.3144,
0.3283

■ 61.0172, 0.3030,
0.3335

■ 71.7404, 0.2937,
0.3382

Harmonies

Analogous

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



14.6107, 0.3888, 0.2302



14.6107, 0.4985, 0.2939



14.6107, 0.5399, 0.3662

Triad

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



14.6107, 0.4985, 0.2939



14.6107, 0.3173, 0.5495



14.6107, 0.1391, 0.1762

Complementary

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



14.6107, 0.4985, 0.2939



41.0795, 0.2483, 0.3798

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.



14.6107, 0.1278, 0.2249



14.6107, 0.4985, 0.2939



14.6107, 0.2184, 0.4683

Square

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



14.6107, 0.4985, 0.2939



14.6107, 0.4202, 0.5217



14.6107, 0.1518, 0.3276



14.6107, 0.1844, 0.1658

Rectangle

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



14.6107, 0.4985, 0.2939



14.6107, 0.5229, 0.4182



14.6107, 0.1518, 0.3276



14.6107, 0.1317, 0.1874

Sweetspot

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



14.6115, 0.4985, 0.2939



65.0475, 0.3457, 0.3167



14.0165, 0.2801, 0.1547



13.2459, 0.3512, 0.3150



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.



14.6115, 0.4985, 0.2939



22.1407, 0.5610, 0.2988



19.0570, 0.5121, 0.3723



10.1144, 0.3254, 0.3238



7.6703, 0.5978, 0.3067



0.3422, 0.5337, 0.2713

Inverse Universe

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



14.6115, 0.4985, 0.2939



22.1407, 0.5610, 0.2988



28.2154, 0.2176, 0.2682



10.1144, 0.3254, 0.3238



7.6703, 0.5978, 0.3067



0.3422, 0.5337, 0.2713

Previews

White Background



This preview shows how the Yxy color 14.6107, 0.4985, 0.2939 looks on a white 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 × Fail

Black Background



This preview shows how the Yxy color 14.6107, 0.4985, 0.2939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

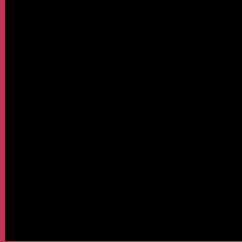
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.6107, 0.4985, 0.2939

Background



This preview shows how black text looks on a background with the Yxy color 14.6107, 0.4985, 0.2939.



This preview shows how white text looks on a background with the Yxy color 14.6107, 0.4985, 0.2939.

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

14.6107, 0.4985, 0.2939

Protanopia

14.8734, 0.3077, 0.3186

Deuteranopia

14.7770, 0.3825, 0.3765



Tritanopia

14.6670, 0.5341, 0.3264

Trichromacy



Original Color

14.6107, 0.4985, 0.2939

Protanomaly

13.4477, 0.3720, 0.3016

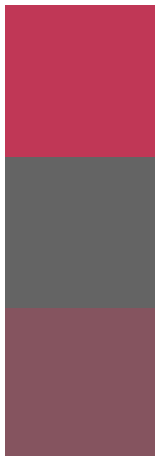
Deuteranomaly

13.8441, 0.4277, 0.3362

Tritanomaly

14.5574, 0.5225, 0.3151

Monochromacy



Original Color

14.6107, 0.4985, 0.2939

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.1534, 0.3779, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6107, 0.4985, 0.2939 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(192, 55, 86)` looks like.

```
.text, #text, p{  
    color:rgb(192, 55, 86)  
}
```

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(192, 55, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 55, 86) }
```

Border

The CSS property to change the border of an element to Yxy 14.6107, 0.4985, 0.2939 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(192, 55, 86) }
```

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

```
.border{ border-color:rgb(192, 55, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 55, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 55, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 55, 86);  
box-shadow:4px 4px 4px 4px rgb(192, 55,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6107, 0.4985, 0.2939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 55, 86) }
```

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

```
.background{ background-color: rgb(192, 55,  
86) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor