

Converting Colors

$Y_{xy}(14.7270, 0.4828, 0.3023)$

Have a look what the booklet for
Yxy(14.7270, 0.4828, 0.3023)
contains.

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Color

Yxy(14.7668, 0.4836, 0.3029)

Conversions

Conversions Part 1

Format	Color
Hex	B94156
RGB	185, 65, 86
RGB Percent	73%, 25%, 34%
CMY	0.2745, 0.7450, 0.6628
CMYK	0.00, 0.65, 0.54, 0.27
HSL	350°, 48%, 49%
HSV	350°, 65%, 73%
XYZ	23.5762, 14.7668, 10.4084
YIQ	103.2740, 64.7790, 31.9710

Conversions

Conversions Part 2

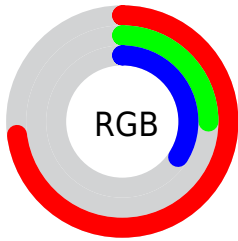
Format	Color
R_{YB}	185, 65, 86
Decimal	12140886
CIE _{Lab}	45.31, 49.88, 14.26
CIE _{LCh}	45, 51.877, 15.960
Yxy	14.7668, 0.4836, 0.3029
Android (android.graphics.Color)	4290330966 (0xFFB94156)
YUV	103.2740, -8.5161, 71.6737
Hunter-Lab	38.4276, 42.2654, 10.8401

Details

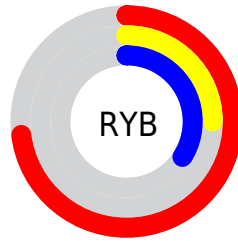
The Yxy color **14.7668, 0.4836, 0.3029** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **38.5012, 0.2477, 0.3635**, and the grayscale version is **13.6513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3837, 0.4409, 0.3113**, and **4.5957, 0.5589, 0.2853** is the 20% darker color. If you saturate the color by 10%, you get **12.7595, 0.5257, 0.3031**, and if you desaturate by 10%, it is **17.5237, 0.4440, 0.3051**.

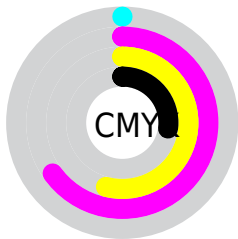
Distribution



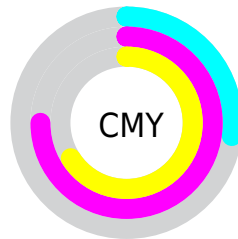
- Red (73%)
- Green (25%)
- Blue (34%)



- Red (73%)
- Yellow (25%)
- Blue (34%)



- Cyan (0%)
- Magenta (65%)
- Yellow (54%)
- Black (27%)




- Cyan (27%)
- Magenta (75%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7668, 0.4836, 0.3029 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 14.7668, 0.4836, 0.3029 by changing the saturation by 10% instead.


 14.7668, 0.4836,
0.3029

 14.7668, 0.4836,
0.3029


221.9504, 0.3818,
0.3220


 8.6559, 0.5158,
0.2948


 34.4436, 0.4419,
0.3119


 4.5174, 0.5615,
0.2816

 48.7782, 0.4277,
0.3146

 1.9670, 0.6304,
0.2582

 66.6228, 0.4163,
0.3167

 0.5882, 0.7864,
0.2136

 88.3619, 0.4069,
0.3182

 0.0000, 1.0000,
0.0000

 114.3798, 0.3991,
0.3195

 0.0000, 0.0000,
0.0000

145.0609, 0.3924,

0.3205

180.7896, 0.3867,
0.3213

■ 14.7668, 0.4836,
0.3029

■ 14.7668, 0.4836,
0.3029

■ 12.7595, 0.5257,
0.3031

■ 17.5237, 0.4440,
0.3051

■ 11.4251, 0.5661,
0.3062

■ 21.0922, 0.4090,
0.3088

■ 10.6747, 0.5997,
0.3124

■ 25.5305, 0.3795,
0.3132

■ 10.4197, 0.6138,
0.3155

■ 30.8908, 0.3552,
0.3179

■ 37.2213, 0.3354,
0.3226

■ 44.5667, 0.3193,
0.3270

■ 52.9688, 0.3064,
0.3311

■ 62.4674, 0.2959,
0.3348

■ 73.1000, 0.2873,
0.3382

Harmonies

Analogous

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



14.7668, 0.3883, 0.2422



14.7668, 0.4836, 0.3029



14.7668, 0.5186, 0.3717

Triad

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



14.7668, 0.4836, 0.3029



14.7668, 0.3147, 0.5226



14.7668, 0.1543, 0.1879

Complementary

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



14.7668, 0.4836, 0.3029



38.5012, 0.2477, 0.3635

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.



14.7668, 0.1421, 0.2322



14.7668, 0.4836, 0.3029



14.7668, 0.2243, 0.4447

Square

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



14.7668, 0.4836, 0.3029



14.7668, 0.4095, 0.5089



14.7668, 0.1637, 0.3227



14.7668, 0.1993, 0.1791

Rectangle

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



14.7668, 0.4836, 0.3029



14.7668, 0.5030, 0.4201



14.7668, 0.1637, 0.3227



14.7668, 0.1467, 0.1981

Sweetspot

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



14.7676, 0.4836, 0.3029



61.3961, 0.3437, 0.3205



15.0713, 0.2917, 0.1707



12.5510, 0.3494, 0.3192



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



14.7676, 0.4836, 0.3029



21.6572, 0.5441, 0.3041



20.3977, 0.4799, 0.3792



9.0372, 0.3261, 0.3250



7.1031, 0.6112, 0.3141



0.2583, 0.5457, 0.2780

Inverse Universe

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



14.7676, 0.4836, 0.3029



21.6572, 0.5441, 0.3041



25.4947, 0.2213, 0.2640



9.0372, 0.3261, 0.3250



7.1031, 0.6112, 0.3141



0.2583, 0.5457, 0.2780

Previews

White Background



This preview shows how the Yxy color 14.7668, 0.4836, 0.3029 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 14.7668, 0.4836, 0.3029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

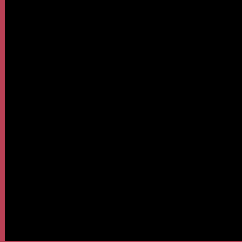
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.7668, 0.4836, 0.3029

Background



This preview shows how black text looks on a background with the Yxy color 14.7668, 0.4836, 0.3029.



This preview shows how white text looks on a background with the Yxy color 14.7668, 0.4836, 0.3029.

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

14.7668, 0.4836, 0.3029

Protanopia

14.8919, 0.3169, 0.3290

Deuteranopia

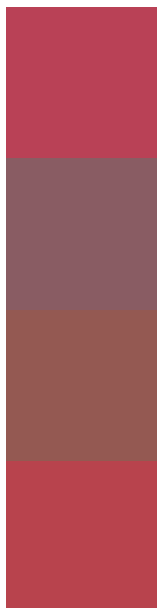
14.7917, 0.3811, 0.3745



Tritanopia

14.7925, 0.5048, 0.3246

Trichromacy



Original Color

14.7668, 0.4836, 0.3029

Protanomaly

13.8735, 0.3736, 0.3161

Deuteranomaly

14.0499, 0.4207, 0.3415

Tritanomaly

14.7405, 0.4970, 0.3170

Monochromacy



Original Color

14.7668, 0.4836, 0.3029

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

12.9944, 0.3720, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7668, 0.4836, 0.3029 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(185, 65, 86)` looks like.

```
.text, #text, p{  
    color:rgb(185, 65, 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(185, 65, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 65, 86) }
```

Border

The CSS property to change the border of an element to Yxy 14.7668, 0.4836, 0.3029 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(185, 65, 86) }
```

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

```
.border{ border-color:rgb(185, 65, 86) }
```

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

Here you see how a box with a 4 pixel rgb(185, 65, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 65, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 65, 86);  
box-shadow:4px 4px 4px 4px rgb(185, 65,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7668, 0.4836, 0.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 65, 86) }
```

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

```
.background{ background-color: rgb(185, 65,  
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](#).

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