

Converting Colors

$Y_{xy}(15.0885, 0.4067, 0.3034)$

Have a look what the booklet for
Yxy(15.0885, 0.4067, 0.3034)
contains.

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Color

Yxy(15.0885, 0.4067, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	A05666
RGB	160, 86, 102
RGB Percent	63%, 34%, 40%
CMY	0.3725, 0.6628, 0.6000
CMYK	0.00, 0.46, 0.36, 0.37
HSL	347°, 30%, 48%
HSV	347°, 46%, 63%
XYZ	20.2258, 15.0885, 14.4171
YIQ	109.9500, 38.9680, 20.6640

Conversions

Conversions Part 2

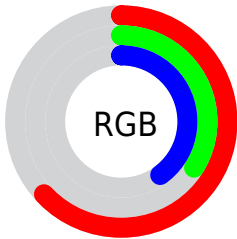
Format	Color
R _Y B	160, 86, 102
Decimal	10507878
CIE Lab	45.76, 32.32, 4.54
CIE LCh	46, 32.641, 7.989
Yxy	15.0885, 0.4067, 0.3034
Android (android.graphics.Color)	4288697958 (0xFFA05666)
YUV	109.9500, -3.9194, 43.8939
Hunter-Lab	38.8439, 24.9668, 5.1849

Details

The Yxy color **15.0885, 0.4067, 0.3034** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.1393, 0.2632, 0.3577**, and the grayscale version is **15.5811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.9429, 0.3838, 0.3096**, and **4.6631, 0.4534, 0.2898** is the 20% darker color. If you saturate the color by 10%, you get **12.5837, 0.4397, 0.2989**, and if you desaturate by 10%, it is **18.2045, 0.3787, 0.3088**.

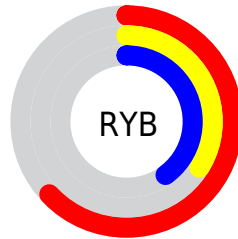
Distribution



Red (63%)

Green (34%)

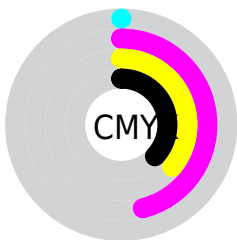
Blue (40%)



Red (63%)

Yellow (34%)

Blue (40%)

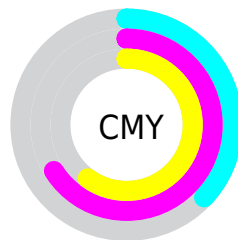


Cyan (0%)

Magenta (46%)

Yellow (36%)

Black (37%)



Cyan (37%)


Magenta (66%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0885, 0.4067, 0.3034 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 15.0885, 0.4067, 0.3034 by changing the saturation by 10% instead.


 15.0885, 0.4067,
0.3034


 15.0885, 0.4067,
0.3034


223.9013, 0.3508,
0.3193


 8.8815, 0.4248,
0.2978


 35.0084, 0.3836,
0.3102


 4.6640, 0.4514,
0.2894

 49.4900, 0.3759,
0.3124

 2.0515, 0.4939,
0.2751

 67.4987, 0.3696,
0.3142

 0.6371, 0.6006,
0.2510

 89.4188, 0.3645,
0.3156

 0.0000, 1.0000,
0.0000

 115.6347, 0.3602,
0.3168

 0.0000, 0.0000,
0.0000

146.5308, 0.3566,

0.3178

182.4916, 0.3535,
0.3186

■ 15.0885, 0.4067,
0.3034

■ 15.0885, 0.4067,
0.3034

■ 12.5837, 0.4397,
0.2989

■ 18.2045, 0.3787,
0.3088

■ 10.6474, 0.4771,
0.2961

■ 21.9660, 0.3554,
0.3146

■ 9.2353, 0.5169,
0.2960


■ 26.4076, 0.3364,
0.3203


■ 8.2951, 0.5557,
0.2993

■ 31.5606, 0.3209,
0.3258


■ 7.7537, 0.5893,
0.3059


■ 37.4545, 0.3083,
0.3309

 7.5943, 0.6006,
0.3082

 44.1170, 0.2981,
0.3355

 51.5745, 0.2897,
0.3398

 59.8520, 0.2828,
0.3437

 68.9735, 0.2771,
0.3472

Harmonies

Analogous

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



15.0885, 0.3435, 0.2617



15.0885, 0.4067, 0.3034



15.0885, 0.4422, 0.3527

Triad

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



15.0885, 0.4067, 0.3034



15.0885, 0.3374, 0.4492



15.0885, 0.1998, 0.2420

Complementary

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



15.0885, 0.4067, 0.3034



29.1393, 0.2632, 0.3577

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.



15.0885, 0.1985, 0.2833



15.0885, 0.4067, 0.3034



15.0885, 0.2738, 0.4138

Square

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



15.0885, 0.4067, 0.3034



15.0885, 0.3976, 0.4404



15.0885, 0.2239, 0.3474



15.0885, 0.2266, 0.2267

Rectangle

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



15.0885, 0.4067, 0.3034



15.0885, 0.4434, 0.3862



15.0885, 0.2239, 0.3474



15.0885, 0.1965, 0.2529

Sweetspot

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



15.0893, 0.4067, 0.3034



49.6940, 0.3330, 0.3214



15.1206, 0.2967, 0.2119



10.5051, 0.3365, 0.3203



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



15.0893, 0.4067, 0.3034



22.5170, 0.4426, 0.2986



18.6556, 0.4173, 0.3632



6.6685, 0.3252, 0.3242



5.9201, 0.5984, 0.3070



0.1113, 0.5044, 0.2552

Inverse Universe

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



15.0893, 0.4067, 0.3034



22.5170, 0.4426, 0.2986



22.9946, 0.2456, 0.2907



6.6685, 0.3252, 0.3242



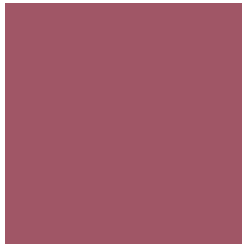
5.9201, 0.5984, 0.3070



0.1113, 0.5044, 0.2552

Previews

White Background



This preview shows how the Yxy color 15.0885, 0.4067, 0.3034 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 15.0885, 0.4067, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

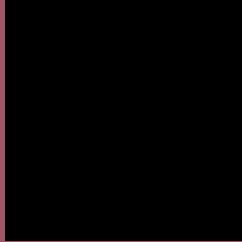
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.0885, 0.4067, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 15.0885, 0.4067, 0.3034.



This preview shows how white text looks on a background with the Yxy color 15.0885, 0.4067, 0.3034.

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

15.0885, 0.4067, 0.3034

Protanopia

15.2141, 0.3053, 0.3146

Deuteranopia

15.2150, 0.3468, 0.3410



Tritanopia

14.9955, 0.4182, 0.3179

Trichromacy



Original Color

15.0885, 0.4067, 0.3034

Protanomaly

14.8293, 0.3400, 0.3099

Deuteranomaly

14.8897, 0.3676, 0.3254

Tritanomaly

15.0504, 0.4131, 0.3130

Monochromacy



Original Color

15.0885, 0.4067, 0.3034

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

14.9581, 0.3441, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0885, 0.4067, 0.3034 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(160, 86, 102)` looks like.

```
.text, #text, p{  
    color:rgb(160, 86, 102)  
}
```

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(160, 86, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 86, 102) }
```

Border

The CSS property to change the border of an element to Yxy 15.0885, 0.4067, 0.3034 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(160, 86, 102) }
```

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

```
.border{ border-color:rgb(160, 86, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 86, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 86, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 86, 102);  
box-shadow:4px 4px 4px 4px rgb(160, 86,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0885, 0.4067, 0.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 86, 102) }
```

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

```
.background{ background-color: rgb(160, 86,  
102) }
```

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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