

Converting Colors

$Y_{xy}(15.3879, 0.4264, 0.3082)$

Have a look what the booklet for
Yxy(15.3879, 0.4264, 0.3082)
contains.

Yxy(15.4192, 0.4266, 0.3093)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.4192, 0.4266, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	A75461
RGB	167, 84, 97
RGB Percent	65%, 33%, 38%
CMY	0.3450, 0.6706, 0.6196
CMYK	0.00, 0.50, 0.42, 0.35
HSL	351°, 33%, 49%
HSV	351°, 50%, 65%
XYZ	21.2668, 15.4192, 13.1659
YIQ	110.2990, 45.2950, 21.6390

Conversions

Conversions Part 2

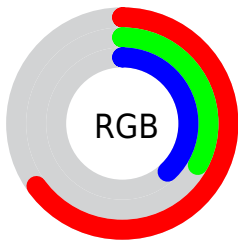
Format	Color
R_{YB}	167, 84, 97
Decimal	10966113
CIE Lab	46.20, 35.43, 8.35
CIE LCh	46, 36.399, 13.257
Yxy	15.4192, 0.4266, 0.3093
Android (android.graphics.Color)	4289156193 (0xFFA75461)
YUV	110.2990, -6.5564, 49.7268
Hunter-Lab	39.2673, 27.9563, 7.6078

Details

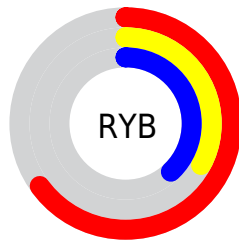
The Yxy color **15.4192, 0.4266, 0.3093** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **31.8605, 0.2571, 0.3514**, and the grayscale version is **15.6929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.7225, 0.3994, 0.3162**, and **4.8278, 0.4808, 0.2957** is the 20% darker color. If you saturate the color by 10%, you get **12.8896, 0.4644, 0.3066**, and if you desaturate by 10%, it is **18.6151, 0.3941, 0.3130**.

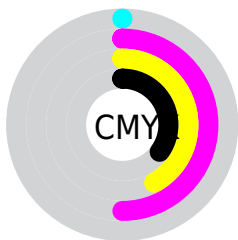
Distribution



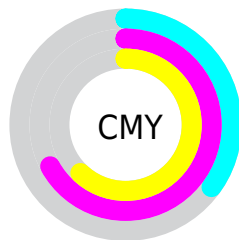
- Red (65%)
- Green (33%)
- Blue (38%)



- Red (65%)
- Yellow (33%)
- Blue (38%)



- Cyan (0%)
- Magenta (50%)
- Yellow (42%)
- Black (35%)




- Cyan (35%)
- Magenta (67%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4192, 0.4266, 0.3093 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 15.4192, 0.4266, 0.3093 by changing the saturation by 10% instead.


 15.4192, 0.4266,
0.3093


 15.4192, 0.4266,
0.3093


225.8897, 0.3589,
0.3225


 9.1141, 0.4484,
0.3042


 35.5869, 0.3987,
0.3152


 4.8157, 0.4801,
0.2962

 50.2183, 0.3893,
0.3170

 2.1395, 0.5299,
0.2819

 68.3940, 0.3818,
0.3185

 0.6867, 0.6683,
0.2677

 90.4983, 0.3755,
0.3196

 0.0000, 1.0000,
0.0000

 116.9156, 0.3703,
0.3205

 0.0000, 0.0000,
0.0000

148.0304, 0.3659,

0.3213

184.2269, 0.3622,
0.3219

■ 15.4192, 0.4266,
0.3093

■ 15.4192, 0.4266,
0.3093

■ 12.8896, 0.4644,
0.3066

■ 18.6151, 0.3941,
0.3130

■ 10.9768, 0.5060,
0.3056

■ 22.5175, 0.3670,
0.3171

■ 9.6283, 0.5483,
0.3071


■ 27.1661, 0.3448,
0.3213


■ 8.7816, 0.5862,
0.3113

■ 32.5972, 0.3269,
0.3253

■ 8.3049, 0.6158,
0.3169

■ 38.8444, 0.3123,
0.3291

 8.2924, 0.6165,
0.3170

 45.9395, 0.3006,
0.3326

 53.9128, 0.2910,
0.3358

 62.7927, 0.2832,
0.3387

 72.6066, 0.2767,
0.3413

Harmonies

Analogous

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



15.4192, 0.3598, 0.2623



15.4192, 0.4266, 0.3093



15.4192, 0.4581, 0.3632

Triad

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



15.4192, 0.4266, 0.3093



15.4192, 0.3262, 0.4601



15.4192, 0.1927, 0.2285

Complementary

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



15.4192, 0.4266, 0.3093



31.8605, 0.2571, 0.3514

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.



15.4192, 0.1862, 0.2678



15.4192, 0.4266, 0.3093



15.4192, 0.2580, 0.4123

Square

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



15.4192, 0.4266, 0.3093



15.4192, 0.3945, 0.4563



15.4192, 0.2082, 0.3350



15.4192, 0.2262, 0.2171

Rectangle

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



15.4192, 0.4266, 0.3093



15.4192, 0.4535, 0.3994



15.4192, 0.2082, 0.3350



15.4192, 0.1875, 0.2383

Sweetspot

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



15.4200, 0.4266, 0.3093



52.7818, 0.3364, 0.3231



15.9199, 0.3003, 0.2050



11.3807, 0.3401, 0.3223



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



15.4200, 0.4266, 0.3093



22.5446, 0.4699, 0.3064



20.3722, 0.4254, 0.3720



7.5608, 0.3262, 0.3255



6.3492, 0.6146, 0.3160



0.1600, 0.5415, 0.2756

Inverse Universe

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



15.4200, 0.4266, 0.3093



22.5446, 0.4699, 0.3064



23.2393, 0.2395, 0.2795



7.5608, 0.3262, 0.3255



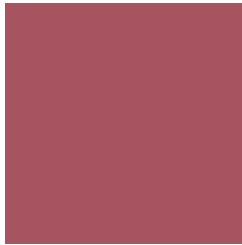
6.3492, 0.6146, 0.3160



0.1600, 0.5415, 0.2756

Previews

White Background



This preview shows how the Yxy color 15.4192, 0.4266, 0.3093 looks on a white background.

Color Contrast Check

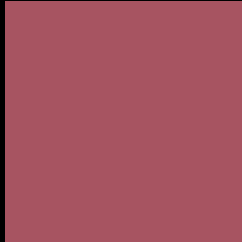
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4192, 0.4266, 0.3093 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 15.4192, 0.4266, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 15.4192, 0.4266, 0.3093.



This preview shows how white text looks on a background with the Yxy color 15.4192, 0.4266, 0.3093.

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

15.4192, 0.4266, 0.3093

Protanopia

15.5297, 0.3143, 0.3249

Deuteranopia

15.6104, 0.3608, 0.3546



Tritanopia

15.4678, 0.4362, 0.3202

Trichromacy



Original Color

15.4192, 0.4266, 0.3093

Protanomaly

15.0605, 0.3518, 0.3177

Deuteranomaly

15.2943, 0.3860, 0.3365

Tritanomaly

15.5028, 0.4328, 0.3171

Monochromacy



Original Color

15.4192, 0.4266, 0.3093

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.1526, 0.3514, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4192, 0.4266, 0.3093 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(167, 84, 97)` looks like.

```
.text, #text, p{  
    color:rgb(167, 84, 97)  
}
```

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(167, 84, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 84, 97) }
```

Border

The CSS property to change the border of an element to Yxy 15.4192, 0.4266, 0.3093 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(167, 84, 97) }
```

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

```
.border{ border-color:rgb(167, 84, 97) }
```

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

Here you see how a box with a 4 pixel rgb(167, 84, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 84, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 84, 97);  
box-shadow:4px 4px 4px 4px rgb(167, 84,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4192, 0.4266, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 84, 97) }
```

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

```
.background{ background-color: rgb(167, 84,  
97) }
```

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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