

Converting Colors

$Y_{xy}(15.2140, 0.4182, 0.3146)$

Have a look what the booklet for
Yxy(15.2140, 0.4182, 0.3146)
contains.

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Color

Yxy(15.2380, 0.4177, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	A15760
RGB	161, 87, 96
RGB Percent	63%, 34%, 38%
CMY	0.3687, 0.6587, 0.6236
CMYK	0.00, 0.46, 0.40, 0.37
HSL	353°, 30%, 49%
HSV	353°, 46%, 63%
XYZ	20.2125, 15.2380, 12.9395
YIQ	110.1520, 41.2150, 18.4870

Conversions

Conversions Part 2

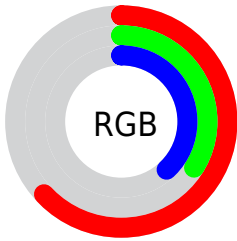
Format	Color
R_{YB}	161, 87, 96
Decimal	10573664
CIE _{Lab}	45.96, 31.38, 8.50
CIE _{LCh}	46, 32.512, 15.148
Yxy	15.2380, 0.4177, 0.3149
Android (android.graphics.Color)	4288763744 (0xFFA15760)
YUV	110.1520, -6.9769, 44.5937
Hunter-Lab	39.0359, 24.1132, 7.6719

Details

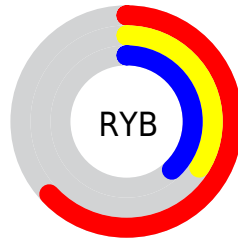
The Yxy color **15.2380, 0.4177, 0.3149** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.7737, 0.2586, 0.3446**, and the grayscale version is **15.6515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1577, 0.3925, 0.3195**, and **4.6807, 0.4673, 0.3033** is the 20% darker color. If you saturate the color by 10%, you get **12.6781, 0.4551, 0.3126**, and if you desaturate by 10%, it is **18.4275, 0.3860, 0.3179**.

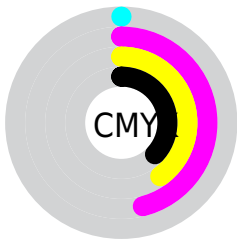
Distribution



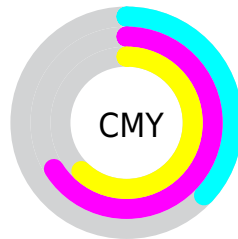
- Red (63%)
- Green (34%)
- Blue (38%)



- Red (63%)
- Yellow (34%)
- Blue (38%)



- Cyan (0%)
- Magenta (46%)
- Yellow (40%)
- Black (37%)





- Cyan (37%)
- Magenta (66%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.2380, 0.4177, 0.3149 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 15.2380, 0.4177, 0.3149 by changing the saturation by 10% instead.


 15.2380, 0.4177,
0.3149


 15.2380, 0.4177,
0.3149


224.8023, 0.3551,
0.3247


 8.9866, 0.4380,
0.3109


 35.2702, 0.3919,
0.3194


 4.7324, 0.4677,
0.3045

 49.8197, 0.3832,
0.3208

 2.0911, 0.5147,
0.2926

 67.9041, 0.3762,
0.3218

 0.6596, 0.6601,
0.2860

 89.9077, 0.3705,
0.3226

 0.0000, 1.0000,
0.0000

 116.2149, 0.3657,
0.3233

 0.0000, 0.0000,
0.0000

147.2102, 0.3616,

0.3238

183.2778, 0.3581,
0.3243

■ 15.2380, 0.4177,
0.3149

■ 15.2380, 0.4177,
0.3149

■ 12.6781, 0.4551,
0.3126

■ 18.4275, 0.3860,
0.3179

■ 10.7040, 0.4970,
0.3114

■ 22.2822, 0.3598,
0.3211

■ 9.2697, 0.5407,
0.3120


■ 26.8376, 0.3385,
0.3243


■ 8.3216, 0.5812,
0.3148

■ 32.1262, 0.3213,
0.3273


■ 7.7872, 0.6129,
0.3194

■ 38.1783, 0.3074,
0.3301

 7.6227, 0.6233,
0.3207

 45.0225, 0.2962,
0.3327

 52.6861, 0.2870,
0.3351

 61.1949, 0.2795,
0.3372

 70.5737, 0.2733,
0.3391

Harmonies

Analogous

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



15.2380, 0.3595, 0.2709



15.2380, 0.4177, 0.3149



15.2380, 0.4438, 0.3647

Triad

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



15.2380, 0.4177, 0.3149



15.2380, 0.3219, 0.4440



15.2380, 0.2046, 0.2367

Complementary

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



15.2380, 0.4177, 0.3149



29.7737, 0.2586, 0.3446

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.



15.2380, 0.1972, 0.2715



15.2380, 0.4177, 0.3149



15.2380, 0.2605, 0.3990

Square

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



15.2380, 0.4177, 0.3149



15.2380, 0.3840, 0.4452



15.2380, 0.2161, 0.3308



15.2380, 0.2372, 0.2272

Rectangle

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



15.2380, 0.4177, 0.3149



15.2380, 0.4386, 0.3973



15.2380, 0.2161, 0.3308



15.2380, 0.1992, 0.2454

Sweetspot

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



15.2388, 0.4177, 0.3149



49.5767, 0.3354, 0.3248



15.9825, 0.3049, 0.2154



10.4764, 0.3392, 0.3241



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.



15.2388, 0.4177, 0.3149



22.6757, 0.4554, 0.3125



20.3283, 0.4116, 0.3727



7.0993, 0.3267, 0.3263



6.0940, 0.6219, 0.3199



0.1319, 0.5567, 0.2840

Inverse Universe

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



15.2388, 0.4177, 0.3149



22.6757, 0.4554, 0.3125



21.6102, 0.2439, 0.2793



7.0993, 0.3267, 0.3263



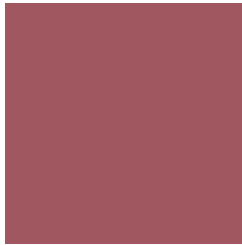
6.0940, 0.6219, 0.3199



0.1319, 0.5567, 0.2840

Previews

White Background



This preview shows how the Yxy color 15.2380, 0.4177, 0.3149 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 15.2380, 0.4177, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

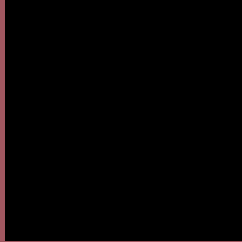
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.2380, 0.4177, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 15.2380, 0.4177, 0.3149.



This preview shows how white text looks on a background with the Yxy color 15.2380, 0.4177, 0.3149.

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

15.2380, 0.4177, 0.3149

Protanopia

15.4647, 0.3181, 0.3311

Deuteranopia

15.3291, 0.3597, 0.3528



Tritanopia

15.2016, 0.4211, 0.3181

Trichromacy



Original Color

15.2380, 0.4177, 0.3149

Protanomaly

15.0527, 0.3514, 0.3234

Deuteranomaly

15.0325, 0.3814, 0.3366

Tritanomaly

15.2197, 0.4194, 0.3165

Monochromacy



Original Color

15.2380, 0.4177, 0.3149

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.1898, 0.3481, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2380, 0.4177, 0.3149 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(161, 87, 96)` looks like.

```
.text, #text, p{  
    color:rgb(161, 87, 96)  
}
```

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(161, 87, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 87, 96) }
```

Border

The CSS property to change the border of an element to Yxy 15.2380, 0.4177, 0.3149 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(161, 87, 96) }
```

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

```
.border{ border-color:rgb(161, 87, 96) }
```

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

Here you see how a box with a 4 pixel rgb(161, 87, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 87, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 87, 96);  
box-shadow:4px 4px 4px 4px rgb(161, 87,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2380, 0.4177, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 87, 96) }
```

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

```
.background{ background-color: rgb(161, 87,  
96) }
```

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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