

Converting Colors

$Y_{xy}(14.4115, 0.4068, 0.2910)$

Have a look what the booklet for
Yxy(14.4115, 0.4068, 0.2910)
contains.

Yxy(14.4818, 0.4057, 0.2910)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.4818, 0.4057, 0.2910)

Conversions

Conversions Part 1

Format	Color
Hex	A15169
RGB	161, 81, 105
RGB Percent	63%, 32%, 41%
CMY	0.3686, 0.6823, 0.5883
CMYK	0.00, 0.50, 0.35, 0.37
HSL	342°, 33%, 47%
HSV	342°, 50%, 63%
XYZ	20.1899, 14.4818, 15.0939
YIQ	107.6560, 39.9760, 24.4240

Conversions

Conversions Part 2

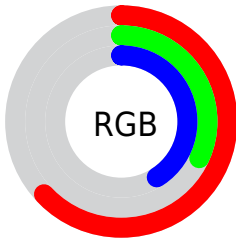
Format	Color
R_{YB}	161, 81, 105
Decimal	10572137
CIE _{Lab}	44.92, 35.76, 1.52
CIE _{LCh}	45, 35.796, 2.432
Yxy	14.4818, 0.4057, 0.2910
Android (android.graphics.Color)	4288762217 (0xFFA15169)
YUV	107.6560, -1.3094, 46.7827
Hunter-Lab	38.0550, 28.1063, 3.1220

Details

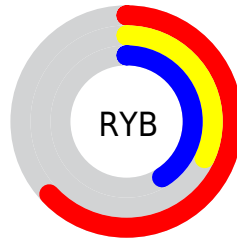
The Yxy color **14.4818, 0.4057, 0.2910** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **29.0459, 0.2652, 0.3729**, and the grayscale version is **14.8907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.8083, 0.3831, 0.3000**, and **4.3496, 0.4496, 0.2717** is the 20% darker color. If you saturate the color by 10%, you get **12.1500, 0.4361, 0.2850**, and if you desaturate by 10%, it is **17.4131, 0.3795, 0.2984**.

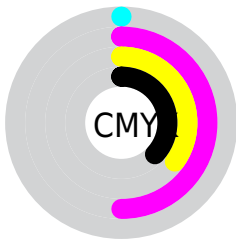
Distribution



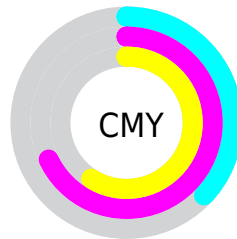
- Red (63%)
- Green (32%)
- Blue (41%)



- Red (63%)
- Yellow (32%)
- Blue (41%)



- Cyan (0%)
- Magenta (50%)
- Yellow (35%)
- Black (37%)





- Cyan (37%)
- Magenta (68%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4818, 0.4057, 0.2910 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 14.4818, 0.4057, 0.2910 by changing the saturation by 10% instead.


 14.4818, 0.4057,
0.2910

 14.4818, 0.4057,
0.2910


220.2079, 0.3503,
0.3139


 8.4565, 0.4237,
0.2834

 33.9415, 0.3828,
0.3005


 4.3884, 0.4502,
0.2722

 48.1447, 0.3751,
0.3037

 1.8931, 0.4925,
0.2539

 65.8427, 0.3689,
0.3063

 0.5442, 0.5956,
0.2135

 87.4198, 0.3639,
0.3083

 0.0000, 1.0000,
0.0000

 113.2605, 0.3596,
0.3101

 0.0000, 0.0000,
0.0000

143.7492, 0.3561,

0.3115

179.2701, 0.3530,
0.3128

■ 14.4818, 0.4057,
0.2910

■ 14.4818, 0.4057,
0.2910

■ 12.1500, 0.4361,
0.2850

■ 17.4131, 0.3795,
0.2984

■ 10.3735, 0.4701,
0.2814

■ 20.9796, 0.3576,
0.3063

■ 9.1057, 0.5060,
0.2813


■ 25.2167, 0.3394,
0.3143


■ 8.2911, 0.5410,
0.2856

■ 30.1567, 0.3245,
0.3220


■ 7.8067, 0.5728,
0.2932


■ 35.8296, 0.3124,
0.3292

 7.7928, 0.5737,
0.2934

 42.2638, 0.3024,
0.3359

 49.4861, 0.2943,
0.3421

 57.5221, 0.2876,
0.3477

 66.3962, 0.2820,
0.3529

Harmonies

Analogous

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



14.4818, 0.3323, 0.2483



14.4818, 0.4057, 0.2910



14.4818, 0.4525, 0.3434

Triad

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



14.4818, 0.4057, 0.2910



14.4818, 0.3520, 0.4650



14.4818, 0.1868, 0.2389

Complementary

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



14.4818, 0.4057, 0.2910



29.0459, 0.2652, 0.3729

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.



14.4818, 0.1903, 0.2890



14.4818, 0.4057, 0.2910



14.4818, 0.2812, 0.4355

Square

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



14.4818, 0.4057, 0.2910



14.4818, 0.4158, 0.4452



14.4818, 0.2228, 0.3637



14.4818, 0.2107, 0.2179

Rectangle

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



14.4818, 0.4057, 0.2910



14.4818, 0.4590, 0.3801



14.4818, 0.2228, 0.3637



14.4818, 0.1848, 0.2523

Sweetspot

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



14.4825, 0.4057, 0.2910



48.8992, 0.3325, 0.3177



13.7774, 0.2862, 0.2002



10.3506, 0.3355, 0.3162



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.



14.4825, 0.4057, 0.2910



21.2417, 0.4408, 0.2843



16.7214, 0.4342, 0.3549



7.1193, 0.3240, 0.3223



6.2303, 0.5716, 0.2922



0.1389, 0.4751, 0.2391

Inverse Universe

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



14.4825, 0.4057, 0.2910



21.2417, 0.4408, 0.2843



24.5740, 0.2435, 0.2999



7.1193, 0.3240, 0.3223



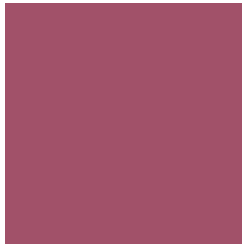
6.2303, 0.5716, 0.2922



0.1389, 0.4751, 0.2391

Previews

White Background



This preview shows how the Yxy color 14.4818, 0.4057, 0.2910 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 14.4818, 0.4057, 0.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

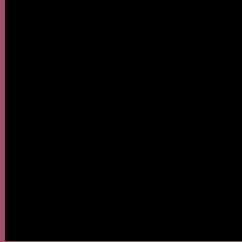
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4818, 0.4057, 0.2910

Background



This preview shows how black text looks on a background with the Yxy color 14.4818, 0.4057, 0.2910.



This preview shows how white text looks on a background with the Yxy color 14.4818, 0.4057, 0.2910.

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

14.4818, 0.4057, 0.2910

Protanopia

14.6674, 0.2940, 0.3001

Deuteranopia

14.5620, 0.3387, 0.3331



Tritanopia

14.5524, 0.4287, 0.3197

Trichromacy



Original Color

14.4818, 0.4057, 0.2910

Protanomaly

14.1472, 0.3291, 0.2942

Deuteranomaly

14.2121, 0.3628, 0.3159

Tritanomaly

14.4863, 0.4206, 0.3100

Monochromacy



Original Color

14.4818, 0.4057, 0.2910

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.3089, 0.3435, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4818, 0.4057, 0.2910 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, 81, 105)` looks like.

```
.text, #text, p{  
    color:rgb(161, 81, 105)  
}
```

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, 81, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 81, 105) }
```

Border

The CSS property to change the border of an element to Yxy 14.4818, 0.4057, 0.2910 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, 81, 105) }
```

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

```
.border{ border-color:rgb(161, 81, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 81, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 81, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 81, 105);  
box-shadow:4px 4px 4px 4px rgb(161, 81,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4818, 0.4057, 0.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 81, 105) }
```

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

```
.background{ background-color: rgb(161, 81,  
105) }
```

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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