

Converting Colors

$Y_{xy}(10.4146, 0.4619, 0.2966)$

Have a look what the booklet for
Yxy(10.4146, 0.4619, 0.2966)
contains.

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Color

Yxy(10.4606, 0.4607, 0.2966)

Conversions

Conversions Part 1

Format	Color
Hex	9A3A4F
RGB	154, 58, 79
RGB Percent	60%, 23%, 31%
CMY	0.3962, 0.7725, 0.6902
CMYK	0.00, 0.62, 0.49, 0.40
HSL	347°, 45%, 42%
HSV	347°, 62%, 60%
XYZ	16.2481, 10.4606, 8.5596
YIQ	89.0980, 50.4750, 26.8830

Conversions

Conversions Part 2

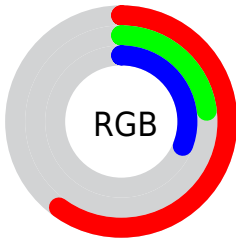
Format	Color
R_{YB}	154, 58, 79
Decimal	10107471
CIE Lab	38.66, 41.91, 8.56
CIE LCh	39, 42.773, 11.543
Yxy	10.4606, 0.4607, 0.2966
Android (android.graphics.Color)	4288297551 (0xFF9A3A4F)
YUV	89.0980, -4.9783, 56.9191
Hunter-Lab	32.3429, 33.0734, 6.9487

Details

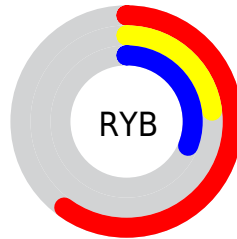
The Yxy color **10.4606, 0.4607, 0.2966** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **25.6990, 0.2524, 0.3700**, and the grayscale version is **10.0174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.7074, 0.4211, 0.3071**, and **2.7180, 0.5399, 0.2748** is the 20% darker color. If you saturate the color by 10%, you get **8.9737, 0.4996, 0.2952**, and if you desaturate by 10%, it is **12.4447, 0.4252, 0.3003**.

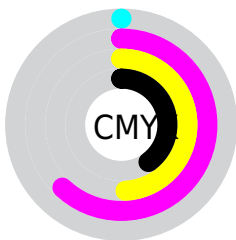
Distribution



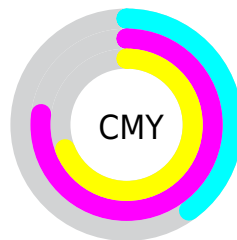
- Red (60%)
- Green (23%)
- Blue (31%)



- Red (60%)
- Yellow (23%)
- Blue (31%)



- Cyan (0%)
- Magenta (62%)
- Yellow (49%)
- Black (40%)





- Cyan (40%)
- Magenta (77%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.4606, 0.4607, 0.2966 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 10.4606, 0.4607, 0.2966 by changing the saturation by 10% instead.


 10.4606, 0.4607,
0.2966


 10.4606, 0.4607,
0.2966


193.9286, 0.3684,
0.3189


 5.7054, 0.4931,
0.2873

 26.6583, 0.4212,
0.3069


 2.6668, 0.5423,
0.2717

 38.8696, 0.4083,
0.3100


 0.9604, 0.6378,
0.2475

 54.3351, 0.3982,
0.3124

 0.0000, 1.0000,
0.0000

 73.4391, 0.3899,
0.3143

 0.0000, 0.0000,
0.0000

 96.5661, 0.3831,
0.3158

 124.1004, 0.3774,

0.3170

156.4264, 0.3726,
0.3180

■ 10.4606, 0.4607,
0.2966

■ 10.4606, 0.4607,
0.2966

■ 8.9737, 0.4996,
0.2952

■ 12.4447, 0.4252,
0.3003

■ 7.9377, 0.5391,
0.2970

■ 14.9635, 0.3944,
0.3053

■ 7.3007, 0.5752,
0.3024

■ 18.0527, 0.3685,
0.3110

■ 6.9818, 0.5992,
0.3075

■ 21.7446, 0.3472,
0.3168

■ 26.0688, 0.3298,
0.3225

■ 31.0533, 0.3156,
0.3278

■ 36.7241, 0.3041,
0.3328

■ 43.1060, 0.2947,
0.3373

■ 50.2225, 0.2869,
0.3415

Harmonies

Analogous

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



10.4606, 0.3680, 0.2404



10.4606, 0.4607, 0.2966



10.4606, 0.5038, 0.3617

Triad

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



10.4606, 0.4607, 0.2966



10.4606, 0.3300, 0.5101



10.4606, 0.1597, 0.2007

Complementary

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



10.4606, 0.4607, 0.2966



25.6990, 0.2524, 0.3700

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.



10.4606, 0.1529, 0.2493



10.4606, 0.4607, 0.2966



10.4606, 0.2425, 0.4499

Square

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



10.4606, 0.4607, 0.2966



10.4606, 0.4176, 0.4909



10.4606, 0.1795, 0.3400



10.4606, 0.1981, 0.1872

Rectangle

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



10.4606, 0.4607, 0.2966



10.4606, 0.4965, 0.4073



10.4606, 0.1795, 0.3400



10.4606, 0.1539, 0.2125

Sweetspot

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



10.4612, 0.4607, 0.2966



41.6973, 0.3417, 0.3185



10.2336, 0.2862, 0.1744



8.9855, 0.3467, 0.3169



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



10.4612, 0.4607, 0.2966



15.4229, 0.5163, 0.2955



13.4545, 0.4736, 0.3699



6.2437, 0.3251, 0.3242



5.6943, 0.5974, 0.3065



0.0898, 0.4997, 0.2526

Inverse Universe

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



10.4612, 0.4607, 0.2966



15.4229, 0.5163, 0.2955



18.7737, 0.2274, 0.2781



6.2437, 0.3251, 0.3242



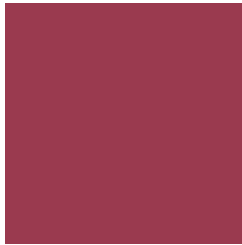
5.6943, 0.5974, 0.3065



0.0898, 0.4997, 0.2526

Previews

White Background



This preview shows how the Yxy color 10.4606, 0.4607, 0.2966 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 10.4606, 0.4607, 0.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

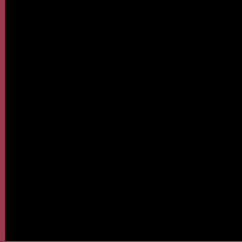
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.4606, 0.4607, 0.2966

Background



This preview shows how black text looks on a background with the Yxy color 10.4606, 0.4607, 0.2966.



This preview shows how white text looks on a background with the Yxy color 10.4606, 0.4607, 0.2966.

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

10.4606, 0.4607, 0.2966

Protanopia

10.6205, 0.3056, 0.3147

Deuteranopia

10.5997, 0.3677, 0.3612



Tritanopia

10.4914, 0.4857, 0.3233

Trichromacy



Original Color

10.4606, 0.4607, 0.2966

Protanomaly

9.9750, 0.3585, 0.3053

Deuteranomaly

10.1146, 0.4019, 0.3313

Tritanomaly

10.4462, 0.4765, 0.3139

Monochromacy



Original Color

10.4606, 0.4607, 0.2966

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

9.6154, 0.3646, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.4606, 0.4607, 0.2966 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(154, 58, 79)` looks like.

```
.text, #text, p{  
    color:rgb(154, 58, 79)  
}
```

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(154, 58, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 58, 79) }
```

Border

The CSS property to change the border of an element to Yxy 10.4606, 0.4607, 0.2966 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(154, 58, 79) }
```

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

```
.border{ border-color:rgb(154, 58, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 58, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 58, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 58, 79);  
box-shadow:4px 4px 4px 4px rgb(154, 58,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 10.4606, 0.4607, 0.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 58, 79) }
```

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

```
.background{ background-color: rgb(154, 58,  
79) }
```

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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