

Converting Colors

$Y_{xy}(12.1190, 0.4159, 0.3037)$

Have a look what the booklet for
Yxy(12.1190, 0.4159, 0.3037)
contains.

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Color

Yxy(12.0662, 0.4168, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	944B5A
RGB	148, 75, 90
RGB Percent	58%, 29%, 35%
CMY	0.4196, 0.7059, 0.6471
CMYK	0.00, 0.49, 0.39, 0.42
HSL	348°, 33%, 44%
HSV	348°, 49%, 58%
XYZ	16.5761, 12.0662, 11.1276
YIQ	98.5370, 38.6930, 20.1410

Conversions

Conversions Part 2

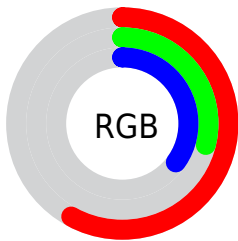
Format	Color
R_{YB}	148, 75, 90
Decimal	9718618
CIE Lab	41.32, 32.28, 5.32
CIE LCh	41, 32.714, 9.364
Yxy	12.0662, 0.4168, 0.3034
Android (android.graphics.Color)	4287908698 (0xFF944B5A)
YUV	98.5370, -4.2087, 43.3791
Hunter-Lab	34.7364, 24.3908, 5.3223

Details

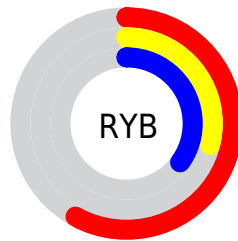
The Yxy color **12.0662, 0.4168, 0.3034** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.3737, 0.2604, 0.3581**, and the grayscale version is **12.3585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.6525, 0.3891, 0.3111**, and **3.3079, 0.4706, 0.2852** is the 20% darker color. If you saturate the color by 10%, you get **10.1027, 0.4514, 0.2995**, and if you desaturate by 10%, it is **14.5297, 0.3871, 0.3083**.

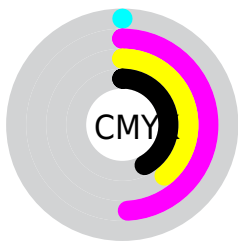
Distribution



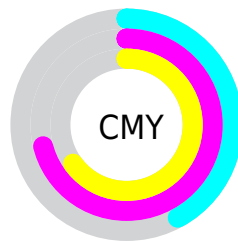
- Red (58%)
- Green (29%)
- Blue (35%)



- Red (58%)
- Yellow (29%)
- Blue (35%)



- Cyan (0%)
- Magenta (49%)
- Yellow (39%)
- Black (42%)




- Cyan (42%)
- Magenta (71%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 12.0662, 0.4168, 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 12.0662, 0.4168, 0.3034 by changing the saturation by 10% instead.


 12.0662, 0.4168,
0.3034

 12.0662, 0.4168,
0.3034


204.8431, 0.3530,
0.3200


 6.7888, 0.4387,
0.2971


 29.6156, 0.3898,
0.3108


 3.3304, 0.4720,
0.2869

 42.6564, 0.3809,
0.3131

 1.3065, 0.5276,
0.2684

 59.0538, 0.3738,
0.3149

 0.1463, 0.8641,
0.1359

 79.1921, 0.3681,
0.3163

 0.0000, 0.0000,
0.0000

 103.4558, 0.3633,
0.3175

132.2293, 0.3593,

0.3185

165.8969, 0.3559,
0.3193

■ 12.0662, 0.4168,
0.3034

■ 12.0662, 0.4168,
0.3034

■ 10.1027, 0.4514,
0.2995

■ 14.5297, 0.3871,
0.3083

■ 8.6030, 0.4900,
0.2976

■ 17.5225, 0.3623,
0.3137

■ 7.5291, 0.5301,
0.2984


■ 21.0738, 0.3420,
0.3192


■ 6.8357, 0.5680,
0.3026

■ 25.2101, 0.3254,
0.3244


■ 6.4186, 0.6002,
0.3088

■ 29.9562, 0.3119,
0.3293

 6.3931, 0.6022,
0.3091

 35.3355, 0.3009,
0.3339

 41.3700, 0.2919,
0.3380

 48.0810, 0.2846,
0.3418

 55.4885, 0.2785,
0.3452

Harmonies

Analogous

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



12.0662, 0.3491, 0.2587



12.0662, 0.4168, 0.3034



12.0662, 0.4531, 0.3558

Triad

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



12.0662, 0.4168, 0.3034



12.0662, 0.3353, 0.4589



12.0662, 0.1929, 0.2342

Complementary

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



12.0662, 0.4168, 0.3034



24.3737, 0.2604, 0.3581

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.



12.0662, 0.1901, 0.2765



12.0662, 0.4168, 0.3034



12.0662, 0.2675, 0.4185

Square

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



12.0662, 0.4168, 0.3034



12.0662, 0.4005, 0.4499



12.0662, 0.2154, 0.3450



12.0662, 0.2224, 0.2195

Rectangle

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



12.0662, 0.4168, 0.3034



12.0662, 0.4526, 0.3915



12.0662, 0.2154, 0.3450



12.0662, 0.1889, 0.2451

Sweetspot

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



12.0668, 0.4168, 0.3034



39.9923, 0.3349, 0.3213



12.0911, 0.2954, 0.2051



8.8193, 0.3382, 0.3203



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



12.0668, 0.4168, 0.3034



17.5677, 0.4545, 0.2993



15.1133, 0.4261, 0.3651



5.8337, 0.3252, 0.3245



5.4630, 0.6008, 0.3083



0.0704, 0.5042, 0.2551

Inverse Universe

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



12.0668, 0.4168, 0.3034



17.5677, 0.4545, 0.2993



18.8972, 0.2420, 0.2880



5.8337, 0.3252, 0.3245



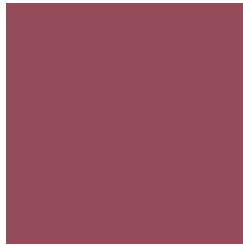
5.4630, 0.6008, 0.3083



0.0704, 0.5042, 0.2551

Previews

White Background



This preview shows how the Yxy color 12.0662, 0.4168, 0.3034 looks on a white background.

Color Contrast Check

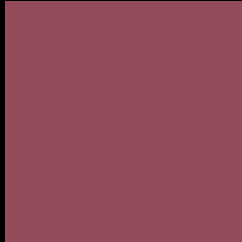
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.0662, 0.4168, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

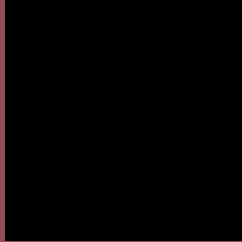
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 12.0662, 0.4168, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 12.0662, 0.4168, 0.3034.



This preview shows how white text looks on a background with the Yxy color 12.0662, 0.4168, 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

12.0662, 0.4168, 0.3034

Protanopia

12.1253, 0.3059, 0.3155

Deuteranopia

12.1383, 0.3519, 0.3444



Tritanopia

11.9811, 0.4296, 0.3189

Trichromacy



Original Color

12.0662, 0.4168, 0.3034

Protanomaly

11.7396, 0.3429, 0.3101

Deuteranomaly

11.8809, 0.3752, 0.3272

Tritanomaly

12.0278, 0.4240, 0.3137

Monochromacy



Original Color

12.0662, 0.4168, 0.3034

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

11.9388, 0.3474, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 12.0662, 0.4168, 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(148, 75, 90)` looks like.

```
.text, #text, p{  
    color:rgb(148, 75, 90)  
}
```

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(148, 75, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 75, 90) }
```

Border

The CSS property to change the border of an element to Yxy 12.0662, 0.4168, 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(148, 75, 90) }
```

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

```
.border{ border-color:rgb(148, 75, 90) }
```

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

Here you see how a box with a 4 pixel rgb(148, 75, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 75, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 75, 90);  
box-shadow:4px 4px 4px 4px rgb(148, 75,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 12.0662, 0.4168, 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(148, 75, 90) }
```

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

```
.background{ background-color: rgb(148, 75,  
90) }
```

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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