

Converting Colors

$Y_{xy}(12.1118, 0.3343, 0.3788)$

Have a look what the booklet for
Yxy(12.1118, 0.3343, 0.3788)
contains.

Yxy(12.1118, 0.3343, 0.3788)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(12.1118, 0.3343, 0.3788)

Conversions

Conversions Part 1

Format	Color
Hex	5F644F
RGB	95, 100, 79
RGB Percent	37%, 39%, 31%
CMY	0.6274, 0.6078, 0.6902
CMYK	0.05, 0.00, 0.21, 0.61
HSL	74°, 12%, 35%
HSV	74°, 21%, 39%
XYZ	10.6890, 12.1118, 9.1734
YIQ	96.1110, 3.7610, -7.5910

Conversions

Conversions Part 2

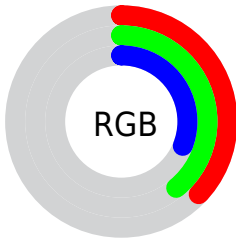
Format	Color
R_{YB}	79, 100, 84
Decimal	6251599
CIE _{Lab}	41.39, -6.04, 11.28
CIE _{LCh}	41, 12.793, 118.179
Yxy	12.1118, 0.3343, 0.3788
Android (android.graphics.Color)	4284441679 (0xFF5F644F)
YUV	96.1110, -8.4357, -0.9743
Hunter-Lab	34.8020, -6.0797, 8.7333

Details

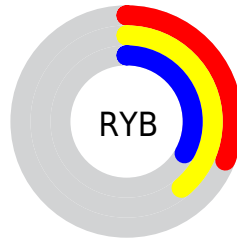
The Yxy color **12.1118, 0.3343, 0.3788** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8.3982, 0.2882, 0.2766**, and the grayscale version is **11.7466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.8027, 0.3295, 0.3662**, and **3.3147, 0.3472, 0.4068** is the 20% darker color. If you saturate the color by 10%, you get **11.8521, 0.3445, 0.4038**, and if you desaturate by 10%, it is **12.3983, 0.3240, 0.3544**.

Distribution



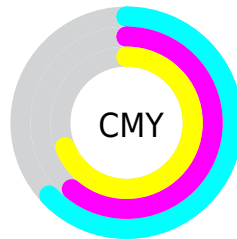
- Red (37%)
- Green (39%)
- Blue (31%)



- Red (31%)
- Yellow (39%)
- Blue (33%)



- Cyan (5%)
- Magenta (0%)
- Yellow (21%)
- Black (61%)





- Cyan (63%)
- Magenta (61%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 12.1118, 0.3343, 0.3788 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 12.1118, 0.3343, 0.3788 by changing the saturation by 10% instead.


 12.1118, 0.3343,
0.3788

 12.1118, 0.3343,
0.3788


205.1440, 0.3214,
0.3480


 6.8199, 0.3385,
0.3897


 29.6986, 0.3290,
0.3656


 3.3497, 0.3447,
0.4066

 42.7622, 0.3272,
0.3613

 1.3169, 0.3599,
0.4432

 59.1851, 0.3257,
0.3579

 0.1542, 0.0000,
1.0000

 79.3519, 0.3245,
0.3552

 0.0000, 0.0000,
0.0000

 103.6467, 0.3236,
0.3529

132.4541, 0.3227,

0.3510

166.1584, 0.3220,
0.3494

■ 12.1118, 0.3343,
0.3788

■ 12.1118, 0.3343,
0.3788

■ 11.8521, 0.3445,
0.4038

■ 12.3983, 0.3240,
0.3544

■ 11.6167, 0.3541,
0.4290

■ 12.7111, 0.3137,
0.3312

■ 11.4050, 0.3627,
0.4533

■ 13.0515, 0.3038,
0.3094

■ 11.2158, 0.3700,
0.4761

■ 13.4203, 0.2943,
0.2892

■ 11.0479, 0.3755,
0.4963

■ 13.8185, 0.2854,
0.2706

■ 10.8997, 0.3788,
0.5131

■ 14.2468, 0.2770,
0.2537

■ 10.7697, 0.3799,
0.5259

■ 14.7058, 0.2692,
0.2382

■ 10.6604, 0.3802,
0.5363

■ 15.1965, 0.2621,
0.2243

■ 15.7193, 0.2555,
0.2117

Harmonies

Analogous

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



12.1118, 0.3572, 0.3740



12.1118, 0.3343, 0.3788



12.1118, 0.3063, 0.3688

Triad

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



12.1118, 0.3343, 0.3788



12.1118, 0.2601, 0.2973



12.1118, 0.3446, 0.3117

Complementary

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



12.1118, 0.3343, 0.3788



8.3982, 0.2882, 0.2766

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.



12.1118, 0.3173, 0.2934



12.1118, 0.3343, 0.3788



12.1118, 0.2692, 0.2846

Square

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



12.1118, 0.3343, 0.3788



12.1118, 0.2643, 0.3198



12.1118, 0.2897, 0.2835



12.1118, 0.3636, 0.3347

Rectangle

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



12.1118, 0.3343, 0.3788



12.1118, 0.2886, 0.3549



12.1118, 0.2897, 0.2835



12.1118, 0.3361, 0.3049

Sweetspot

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



12.1123, 0.3343, 0.3788



21.9942, 0.3190, 0.3431



9.6003, 0.3490, 0.3409



5.4062, 0.3194, 0.3441



53.8236, 0.3127, 0.3290



5.4972, 0.3127, 0.3290

Same Dimension

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



12.1123, 0.3343, 0.3788



21.0130, 0.3392, 0.3906



11.5918, 0.3184, 0.3813



3.2369, 0.3218, 0.3496



14.2541, 0.3796, 0.5368



73.9288, 0.3772, 0.5387

Inverse Universe

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



8.3982, 0.2882, 0.2766



13.2813, 0.2818, 0.2633



8.9145, 0.3055, 0.2792



2.7922, 0.3031, 0.3080



1.4687, 0.1666, 0.0691



7.3123, 0.1620, 0.0666

Previews

White Background



This preview shows how the Yxy color 12.1118, 0.3343, 0.3788 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 12.1118, 0.3343, 0.3788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

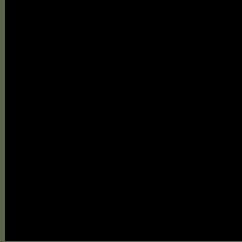
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 12.1118, 0.3343, 0.3788

Background



This preview shows how black text looks on a background with the Yxy color 12.1118, 0.3343, 0.3788.

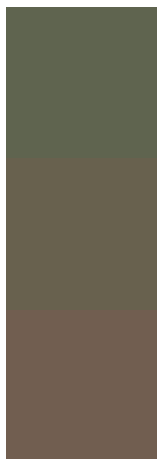


This preview shows how white text looks on a background with the Yxy color 12.1118, 0.3343, 0.3788.

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

12.1118, 0.3343, 0.3788

Protanopia

12.0425, 0.3513, 0.3724

Deuteranopia

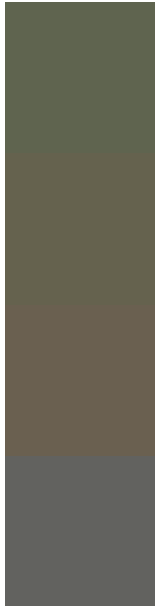
12.0953, 0.3645, 0.3596



Tritanopia

12.2015, 0.3061, 0.3133

Trichromacy



Original Color

12.1118, 0.3343, 0.3788

Protanomaly

12.0521, 0.3460, 0.3753

Deuteranomaly

12.0091, 0.3520, 0.3652

Tritanomaly

12.1583, 0.3169, 0.3359

Monochromacy



Original Color

12.1118, 0.3343, 0.3788

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.7744, 0.3211, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 12.1118, 0.3343, 0.3788 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(95, 100, 79) looks like.

```
.text, #text, p{  
    color:rgb(95, 100, 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(95, 100, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 100, 79) }
```

Border

The CSS property to change the border of an element to Yxy 12.1118, 0.3343, 0.3788 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(95, 100, 79) }
```

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

```
.border{ border-color:rgb(95, 100, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 100, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 100, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 100, 79);  
box-shadow:4px 4px 4px 4px rgb(95, 100,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 12.1118, 0.3343, 0.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 100, 79) }
```

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

```
.background{ background-color: rgb(95, 100,  
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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