

Converting Colors

$Y_{xy}(17.4668, 0.3910, 0.3203)$

Have a look what the booklet for
Yxy(17.4668, 0.3910, 0.3203)
contains.

Yxy(17.4034, 0.3912, 0.3210)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.4034, 0.3912, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	9E6469
RGB	158, 100, 105
RGB Percent	62%, 39%, 41%
CMY	0.3803, 0.6079, 0.5883
CMYK	0.00, 0.37, 0.34, 0.38
HSL	355°, 23%, 51%
HSV	355°, 37%, 62%
XYZ	21.2094, 17.4034, 15.6034
YIQ	117.9120, 32.9630, 13.8510

Conversions

Conversions Part 2

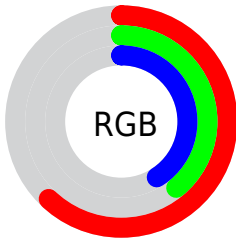
Format	Color
R_{YB}	158, 100, 105
Decimal	10380393
CIE Lab	48.76, 24.12, 7.00
CIE LCh	49, 25.112, 16.191
Yxy	17.4034, 0.3912, 0.3210
Android (android.graphics.Color)	4288570473 (0xFF9E6469)
YUV	117.9120, -6.3656, 35.1572
Hunter-Lab	41.7174, 17.7451, 7.0261

Details

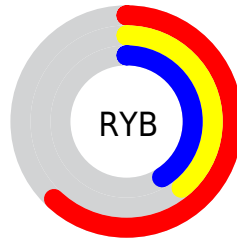
The Yxy color **17.4034, 0.3912, 0.3210** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.4687, 0.2661, 0.3375**, and the grayscale version is **18.1007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1529, 0.3723, 0.3242**, and **5.7647, 0.4275, 0.3153** is the 20% darker color. If you saturate the color by 10%, you get **14.3893, 0.4247, 0.3190**, and if you desaturate by 10%, it is **21.0575, 0.3635, 0.3232**.

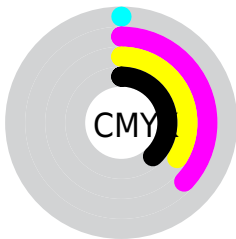
Distribution



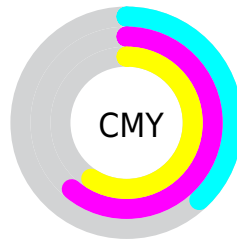
- Red (62%)
- Green (39%)
- Blue (41%)



- Red (62%)
- Yellow (39%)
- Blue (41%)



- Cyan (0%)
- Magenta (37%)
- Yellow (34%)
- Black (38%)




- Cyan (38%)
- Magenta (61%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4034, 0.3912, 0.3210 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 17.4034, 0.3912, 0.3210 by changing the saturation by 10% instead.


 17.4034, 0.3912,
0.3210


 17.4034, 0.3912,
0.3210


237.4864, 0.3452,
0.3265


 10.5225, 0.4057,
0.3188


 39.0181, 0.3725,
0.3235


 5.7468, 0.4267,
0.3153

 54.5206, 0.3661,
0.3243

 2.6917, 0.4594,
0.3089

 73.6659, 0.3609,
0.3249

 0.9730, 0.5253,
0.3000

 96.8383, 0.3567,
0.3253

 0.0000, 1.0000,
0.0000

124.4221, 0.3531,
0.3257

 0.0000, 0.0000,
0.0000

156.8018, 0.3501,

0.3260

194.3618, 0.3475,
0.3263

■ 17.4034, 0.3912,
0.3210

■ 17.4034, 0.3912,
0.3210

■ 14.3893, 0.4247,
0.3190

■ 21.0575, 0.3635,
0.3232

■ 11.9761, 0.4640,
0.3175

■ 25.3827, 0.3410,
0.3255

■ 10.1241, 0.5076,
0.3169


■ 30.4115, 0.3229,
0.3276

■ 8.7879, 0.5521,
0.3176


■ 36.1730, 0.3083,
0.3296


■ 7.9152, 0.5919,
0.3200


■ 42.6951, 0.2964,
0.3315


 7.4281, 0.6214,
0.3234

 50.0041, 0.2868,
0.3331

 7.3013, 0.6290,
0.3239

 58.1249, 0.2790,
0.3347

 67.0815, 0.2725,
0.3360

 76.8968, 0.2671,
0.3373

Harmonies

Analogous

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



17.4034, 0.3496, 0.2861



17.4034, 0.3912, 0.3210



17.4034, 0.4099, 0.3598

Triad

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



17.4034, 0.3912, 0.3210



17.4034, 0.3195, 0.4111



17.4034, 0.2307, 0.2591

Complementary

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



17.4034, 0.3912, 0.3210



29.4687, 0.2661, 0.3375

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.



17.4034, 0.2243, 0.2863



17.4034, 0.3912, 0.3210



17.4034, 0.2731, 0.3780

Square

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



17.4034, 0.3912, 0.3210



17.4034, 0.3661, 0.4157



17.4034, 0.2391, 0.3299



17.4034, 0.2571, 0.2512

Rectangle

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



17.4034, 0.3912, 0.3210



17.4034, 0.4063, 0.3841



17.4034, 0.2391, 0.3299



17.4034, 0.2263, 0.2660

Sweetspot

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



17.4042, 0.3912, 0.3210



50.9469, 0.3306, 0.3267



18.2790, 0.3095, 0.2385



11.2261, 0.3329, 0.3264



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.



17.4042, 0.3912, 0.3210



27.0574, 0.4180, 0.3193



22.4074, 0.3851, 0.3670



6.6550, 0.3271, 0.3271



5.8491, 0.6278, 0.3232



0.1070, 0.5752, 0.2943

Inverse Universe

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



17.4042, 0.3912, 0.3210



27.0574, 0.4180, 0.3193



22.4528, 0.2568, 0.2873



6.6550, 0.3271, 0.3271



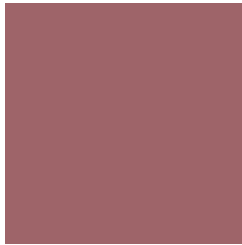
5.8491, 0.6278, 0.3232



0.1070, 0.5752, 0.2943

Previews

White Background



This preview shows how the Yxy color 17.4034, 0.3912, 0.3210 looks on a white background.

Color Contrast Check

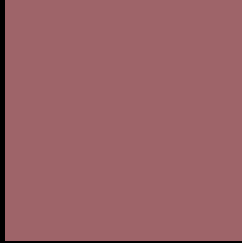
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4034, 0.3912, 0.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

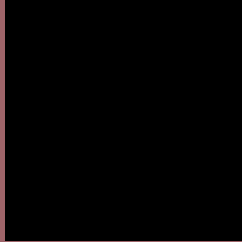
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.4034, 0.3912, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 17.4034, 0.3912, 0.3210.



This preview shows how white text looks on a background with the Yxy color 17.4034, 0.3912, 0.3210.

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

17.4034, 0.3912, 0.3210

Protanopia

17.6050, 0.3202, 0.3349

Deuteranopia

17.4731, 0.3516, 0.3460



Tritanopia

17.4450, 0.3881, 0.3177

Trichromacy



Original Color

17.4034, 0.3912, 0.3210

Protanomaly

17.2642, 0.3443, 0.3291

Deuteranomaly

17.3873, 0.3646, 0.3364

Tritanomaly

17.4241, 0.3896, 0.3193

Monochromacy



Original Color

17.4034, 0.3912, 0.3210

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.5477, 0.3400, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4034, 0.3912, 0.3210 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(158, 100, 105)` looks like.

```
.text, #text, p{  
    color:rgb(158, 100, 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(158, 100, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 100, 105) }
```

Border

The CSS property to change the border of an element to Yxy 17.4034, 0.3912, 0.3210 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(158, 100, 105) }
```

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

```
.border{ border-color:rgb(158, 100, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 100, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 100, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 100, 105);  
box-shadow:4px 4px 4px 4px rgb(158, 100,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4034, 0.3912, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 100, 105) }
```

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

```
.background{ background-color: rgb(158,  
100, 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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