

Converting Colors

$Y_{xy}(16.9037, 0.4225, 0.3543)$

Have a look what the booklet for
Yxy(16.9037, 0.4225, 0.3543)
contains.

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Color

Yxy(17.0235, 0.4230, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	9E6454
RGB	158, 100, 84
RGB Percent	62%, 39%, 33%
CMY	0.3805, 0.6078, 0.6706
CMYK	0.00, 0.37, 0.47, 0.38
HSL	13°, 31%, 47%
HSV	13°, 47%, 62%
XYZ	20.2558, 17.0235, 10.6068
YIQ	115.5180, 39.7040, 7.3200

Conversions

Conversions Part 2

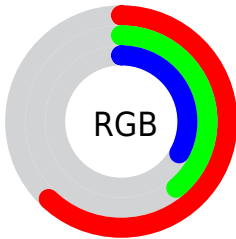
Format	Color
RYB	158, 104, 84
Decimal	10380372
CIELab	48.29, 21.55, 18.82
CIElCh	48, 28.609, 41.134
Yxy	17.0235, 0.4230, 0.3555
Android (android.graphics.Color)	4288570452 (0xFF9E6454)
YUV	115.5180, -15.5384, 37.2567
Hunter-Lab	41.2595, 15.4279, 13.6397

Details

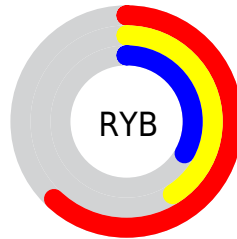
The Yxy color **17.0235, 0.4230, 0.3555** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.6926, 0.2466, 0.2996**, and the grayscale version is **17.3499, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3015, 0.3968, 0.3502**, and **5.5455, 0.4726, 0.3589** is the 20% darker color. If you saturate the color by 10%, you get **14.6066, 0.4588, 0.3602**, and if you desaturate by 10%, it is **19.8589, 0.3916, 0.3499**.

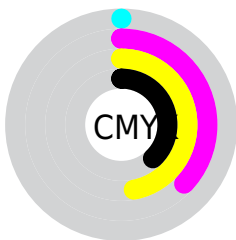
Distribution



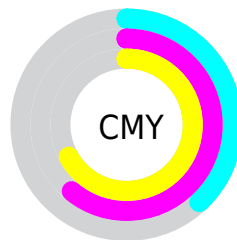
- Red (62%)
- Green (39%)
- Blue (33%)



- Red (62%)
- Yellow (41%)
- Blue (33%)



- Cyan (0%)
- Magenta (37%)
- Yellow (47%)
- Black (38%)





- Cyan (38%)
- Magenta (61%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0235, 0.4230, 0.3555 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 17.0235, 0.4230, 0.3555 by changing the saturation by 10% instead.


 17.0235, 0.4230,
0.3555


 17.0235, 0.4230,
0.3555


235.3078, 0.3582,
0.3425

 10.2512, 0.4432,
0.3580


 38.3662, 0.3967,
0.3511


 5.5659, 0.4719,
0.3602

 53.7054, 0.3877,
0.3493

 2.5829, 0.5154,
0.3605

 72.6690, 0.3804,
0.3478

 0.9181, 0.6250,
0.3750

 95.6415, 0.3744,
0.3464

 0.0000, 1.0000,
0.0000

 123.0073, 0.3694,
0.3453

 0.0000, 0.0000,
0.0000

155.1506, 0.3651,

0.3442

192.4560, 0.3614,
0.3433

■ 17.0235, 0.4230,
0.3555

■ 17.0235, 0.4230,
0.3555

■ 14.6066, 0.4588,
0.3602

■ 19.8589, 0.3916,
0.3499

■ 12.5855, 0.4979,
0.3631

■ 23.1289, 0.3649,
0.3440

■ 10.9394, 0.5379,
0.3633

■ 26.8519, 0.3424,
0.3382

■ 9.6444, 0.5746,
0.3600

■ 31.0443, 0.3237,
0.3326

■ 8.6718, 0.6042,
0.3535

■ 35.7218, 0.3081,
0.3274

■ 8.4220, 0.6128,
0.3517

■ 40.8995, 0.2951,
0.3226

■ 46.5916, 0.2842,
0.3183

■ 52.8118, 0.2751,
0.3143

■ 59.5734, 0.2673,
0.3107

Harmonies

Analogous

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



17.0235, 0.3963, 0.3122



17.0235, 0.4230, 0.3555



17.0235, 0.4164, 0.3970

Triad

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



17.0235, 0.4230, 0.3555



17.0235, 0.2753, 0.3942



17.0235, 0.2429, 0.2409

Complementary

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



17.0235, 0.4230, 0.3555



23.6926, 0.2466, 0.2996

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.



17.0235, 0.2170, 0.2528



17.0235, 0.4230, 0.3555



17.0235, 0.2339, 0.3390

Square

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



17.0235, 0.4230, 0.3555



17.0235, 0.3291, 0.4275



17.0235, 0.2137, 0.2867



17.0235, 0.2885, 0.2492

Rectangle

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



17.0235, 0.4230, 0.3555



17.0235, 0.3954, 0.4185



17.0235, 0.2137, 0.2867



17.0235, 0.2319, 0.2425

Sweetspot

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



17.0243, 0.4230, 0.3555



50.6354, 0.3373, 0.3367



15.5979, 0.3383, 0.2373



11.0783, 0.3414, 0.3379



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.



17.0243, 0.4230, 0.3555



26.4237, 0.4598, 0.3603



25.4571, 0.3951, 0.4110



6.8673, 0.3279, 0.3339



6.7964, 0.6114, 0.3527



0.1760, 0.5465, 0.4043

Inverse Universe

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



23.6926, 0.2466, 0.2996



39.9622, 0.2348, 0.2920



14.7024, 0.2341, 0.2294



7.2657, 0.2988, 0.3240



13.5441, 0.2054, 0.2593



0.2980, 0.2140, 0.2902

Previews

White Background



This preview shows how the Yxy color 17.0235, 0.4230, 0.3555 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 17.0235, 0.4230, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

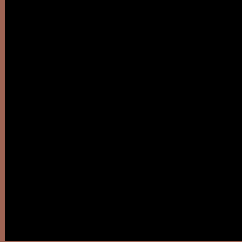
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0235, 0.4230, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 17.0235, 0.4230, 0.3555.



This preview shows how white text looks on a background with the Yxy color 17.0235, 0.4230, 0.3555.

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

17.0235, 0.4230, 0.3555

Protanopia

17.1544, 0.3522, 0.3765

Deuteranopia

17.0794, 0.3882, 0.3808



Tritanopia

17.0224, 0.3972, 0.3179

Trichromacy



Original Color

17.0235, 0.4230, 0.3555

Protanomaly

17.0073, 0.3772, 0.3702

Deuteranomaly

16.9523, 0.4013, 0.3699

Tritanomaly

16.9694, 0.4061, 0.3309

Monochromacy



Original Color

17.0235, 0.4230, 0.3555

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.9766, 0.3496, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0235, 0.4230, 0.3555 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, 84)` looks like.

```
.text, #text, p{  
    color:rgb(158, 100, 84)  
}
```

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, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 100, 84) }
```

Border

The CSS property to change the border of an element to Yxy 17.0235, 0.4230, 0.3555 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, 84) }
```

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

```
.border{ border-color:rgb(158, 100, 84) }
```

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, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 100, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 100, 84);  
box-shadow:4px 4px 4px 4px rgb(158, 100,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0235, 0.4230, 0.3555 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, 84) }
```

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

```
.background{ background-color: rgb(158,  
100, 84) }
```

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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