

Converting Colors

$Yxy(16.9566, 0.4104, 0.3531)$

Have a look what the booklet for
Yxy(16.9566, 0.4104, 0.3531)
contains.

Yxy(17.0609, 0.4114, 0.3545)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.0609, 0.4114, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	9A6657
RGB	154, 102, 87
RGB Percent	60%, 40%, 34%
CMY	0.3960, 0.6000, 0.6588
CMYK	0.00, 0.34, 0.44, 0.40
HSL	13°, 28%, 47%
HSV	13°, 44%, 60%
XYZ	19.7993, 17.0609, 11.2665
YIQ	115.8380, 35.8070, 6.3590

Conversions

Conversions Part 2

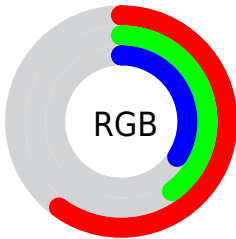
Format	Color
R_{YB}	154, 106, 87
Decimal	10118743
CIE Lab	48.34, 19.08, 17.03
CIE LCh	48, 25.578, 41.747
Yxy	17.0609, 0.4114, 0.3545
Android (android.graphics.Color)	4288308823 (0xFF9A6657)
YUV	115.8380, -14.2171, 33.4681
Hunter-Lab	41.3048, 13.2798, 12.7412

Details

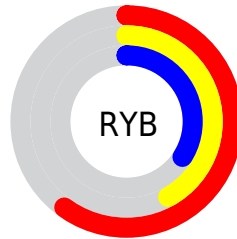
The Yxy color **17.0609, 0.4114, 0.3545** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.8277, 0.2506, 0.3011**, and the grayscale version is **17.4495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.2902, 0.3877, 0.3494**, and **5.5148, 0.4542, 0.3582** is the 20% darker color. If you saturate the color by 10%, you get **14.6537, 0.4455, 0.3597**, and if you desaturate by 10%, it is **19.8623, 0.3818, 0.3486**.

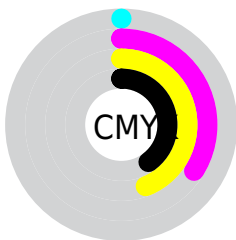
Distribution



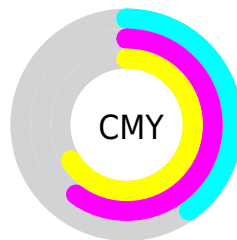
- Red (60%)
- Green (40%)
- Blue (34%)



- Red (60%)
- Yellow (42%)
- Blue (34%)



- Cyan (0%)
- Magenta (34%)
- Yellow (44%)
- Black (40%)





- Cyan (40%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0609, 0.4114, 0.3545 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 17.0609, 0.4114, 0.3545 by changing the saturation by 10% instead.


 17.0609, 0.4114,
0.3545


 17.0609, 0.4114,
0.3545


235.5231, 0.3534,
0.3416

 10.2779, 0.4296,
0.3573


 38.4305, 0.3878,
0.3500


 5.5836, 0.4556,
0.3603

 53.7858, 0.3798,
0.3482


 2.5936, 0.4953,
0.3622

 72.7674, 0.3732,
0.3467

 0.9234, 0.6108,
0.3892

 95.7597, 0.3679,
0.3454

 0.0000, 1.0000,
0.0000

 123.1470, 0.3634,
0.3442

 0.0000, 0.0000,
0.0000

155.3137, 0.3596,

0.3432

192.6443, 0.3563,
0.3424

■ 17.0609, 0.4114,
0.3545

■ 17.0609, 0.4114,
0.3545

■ 14.6537, 0.4455,
0.3597

■ 19.8623, 0.3818,
0.3486

■ 12.6203, 0.4833,
0.3635

■ 23.0721, 0.3568,
0.3425

■ 10.9423, 0.5229,
0.3649

■ 26.7069, 0.3357,
0.3365

■ 9.5984, 0.5610,
0.3629

■ 30.7816, 0.3182,
0.3309

■ 8.5652, 0.5931,
0.3573

■ 35.3103, 0.3035,
0.3257

■ 8.0421, 0.6109,
0.3531

■ 40.3065, 0.2913,
0.3209

■ 45.7832, 0.2810,
0.3165

■ 51.7528, 0.2724,
0.3126

■ 58.2273, 0.2650,
0.3090

Harmonies

Analogous

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



17.0609, 0.3881, 0.3150



17.0609, 0.4114, 0.3545



17.0609, 0.4053, 0.3915

Triad

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



17.0609, 0.4114, 0.3545



17.0609, 0.2786, 0.3859



17.0609, 0.2506, 0.2494

Complementary

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



17.0609, 0.4114, 0.3545



22.8277, 0.2506, 0.3011

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.



17.0609, 0.2265, 0.2602



17.0609, 0.4114, 0.3545



17.0609, 0.2413, 0.3373

Square

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



17.0609, 0.4114, 0.3545



17.0609, 0.3269, 0.4160



17.0609, 0.2232, 0.2908



17.0609, 0.2922, 0.2571

Rectangle

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



17.0609, 0.4114, 0.3545



17.0609, 0.3865, 0.4101



17.0609, 0.2232, 0.2908



17.0609, 0.2404, 0.2508

Sweetspot

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



17.0617, 0.4114, 0.3545



48.6834, 0.3352, 0.3364



15.5659, 0.3376, 0.2452



10.6918, 0.3393, 0.3376



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.



17.0617, 0.4114, 0.3545



26.8050, 0.4438, 0.3595



24.8933, 0.3876, 0.4069



6.4359, 0.3278, 0.3340



6.5978, 0.6096, 0.3541



0.1456, 0.5417, 0.4081

Inverse Universe

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



22.8277, 0.2506, 0.3011



38.6046, 0.2392, 0.2939



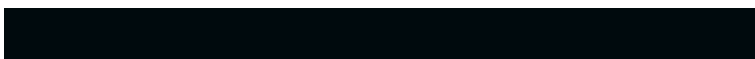
14.6650, 0.2398, 0.2358



6.7919, 0.2989, 0.3239



12.8075, 0.2047, 0.2569



0.2432, 0.2146, 0.2925

Previews

White Background



This preview shows how the Yxy color 17.0609, 0.4114, 0.3545 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 17.0609, 0.4114, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

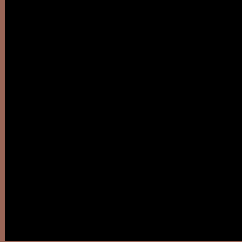
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 17.0609, 0.4114, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 17.0609, 0.4114, 0.3545.



This preview shows how white text looks on a background with the Yxy color 17.0609, 0.4114, 0.3545.

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

17.0609, 0.4114, 0.3545

Protanopia

17.1894, 0.3496, 0.3725

Deuteranopia

17.0420, 0.3828, 0.3755



Tritanopia

17.0531, 0.3858, 0.3159

Trichromacy



Original Color

17.0609, 0.4114, 0.3545

Protanomaly

16.9755, 0.3717, 0.3648

Deuteranomaly

17.0269, 0.3935, 0.3668

Tritanomaly

17.0030, 0.3945, 0.3292

Monochromacy



Original Color

17.0609, 0.4114, 0.3545

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.1346, 0.3465, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0609, 0.4114, 0.3545 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, 102, 87)` looks like.

```
.text, #text, p{  
    color:rgb(154, 102, 87)  
}
```

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, 102, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 102, 87) }
```

Border

The CSS property to change the border of an element to Yxy 17.0609, 0.4114, 0.3545 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, 102, 87) }
```

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

```
.border{ border-color:rgb(154, 102, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 102, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 102, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 102, 87);  
box-shadow:4px 4px 4px 4px rgb(154, 102,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0609, 0.4114, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 102, 87) }
```

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

```
.background{ background-color: rgb(154,  
102, 87) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor