

Converting Colors

$Y_{xy}(16.7945, 0.4176, 0.3245)$

Have a look what the booklet for
Yxy(16.7945, 0.4176, 0.3245)
contains.

Yxy(16.8678, 0.4171, 0.3246)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(16.8678, 0.4171, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	A55E61
RGB	165, 94, 97
RGB Percent	65%, 37%, 38%
CMY	0.3530, 0.6313, 0.6196
CMYK	0.00, 0.43, 0.41, 0.35
HSL	357°, 28%, 51%
HSV	357°, 43%, 65%
XYZ	21.6746, 16.8678, 13.4225
YIQ	115.5710, 41.3530, 15.9850

Conversions

Conversions Part 2

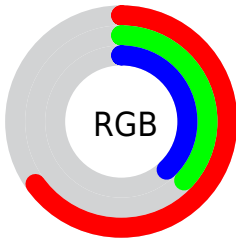
Format	Color
R_{YB}	165, 94, 97
Decimal	10837601
CIE Lab	48.09, 29.21, 10.97
CIE LCh	48, 31.202, 20.579
Yxy	16.8678, 0.4171, 0.3246
Android (android.graphics.Color)	4289027681 (0xFFA55E61)
YUV	115.5710, -9.1555, 43.3492
Hunter-Lab	41.0704, 22.3285, 9.3723

Details

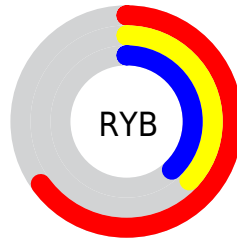
The Yxy color **16.8678, 0.4171, 0.3246** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.8927, 0.2574, 0.3339**, and the grayscale version is **17.3469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.2255, 0.3912, 0.3268**, and **5.5080, 0.4631, 0.3186** is the 20% darker color. If you saturate the color by 10%, you get **13.9749, 0.4564, 0.3238**, and if you desaturate by 10%, it is **20.4483, 0.3840, 0.3256**.

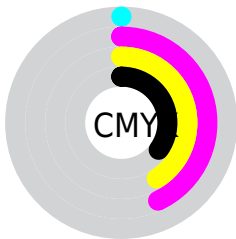
Distribution



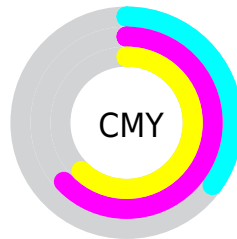
- Red (65%)
- Green (37%)
- Blue (38%)



- Red (65%)
- Yellow (37%)
- Blue (38%)



- Cyan (0%)
- Magenta (43%)
- Yellow (41%)
- Black (35%)




- Cyan (35%)
- Magenta (63%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.8678, 0.4171, 0.3246 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 16.8678, 0.4171, 0.3246 by changing the saturation by 10% instead.

 16.8678, 0.4171,
0.3246


 16.8678, 0.4171,
0.3246


234.4094, 0.3556,
0.3288


 10.1403, 0.4365,
0.3223


 38.0983, 0.3920,
0.3269

 5.4921, 0.4645,
0.3183

 53.3701, 0.3835,
0.3275

 2.5388, 0.5080,
0.3102

 72.2588, 0.3766,
0.3279

 0.8960, 0.6185,
0.3094

 95.1488, 0.3709,
0.3282

 0.0000, 1.0000,
0.0000

122.4245, 0.3662,
0.3284

 0.0000, 0.0000,
0.0000

154.4702, 0.3621,

0.3286

191.6704, 0.3587,
0.3287

■ 16.8678, 0.4171,
0.3246

■ 16.8678, 0.4171,
0.3246

■ 13.9749, 0.4564,
0.3238

■ 20.4483, 0.3840,
0.3256

■ 11.7231, 0.5008,
0.3235

■ 24.7538, 0.3568,
0.3267

■ 10.0645, 0.5469,
0.3238


■ 29.8221, 0.3349,
0.3277


■ 8.9432, 0.5891,
0.3249

■ 35.6876, 0.3173,
0.3287

■ 8.2925, 0.6204,
0.3267

■ 42.3825, 0.3032,
0.3296

 8.0126, 0.6350,
0.3272

 49.9375, 0.2917,
0.3305

 58.3814, 0.2824,
0.3313

 67.7419, 0.2748,
0.3320

 78.0454, 0.2686,
0.3326

Harmonies

Analogous

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



16.8678, 0.3674, 0.2815



16.8678, 0.4171, 0.3246



16.8678, 0.4349, 0.3717

Triad

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



16.8678, 0.4171, 0.3246



16.8678, 0.3109, 0.4302



16.8678, 0.2153, 0.2396

Complementary

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



16.8678, 0.4171, 0.3246



31.8927, 0.2574, 0.3339

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.



16.8678, 0.2039, 0.2682



16.8678, 0.4171, 0.3246



16.8678, 0.2553, 0.3829

Square

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



16.8678, 0.4171, 0.3246



16.8678, 0.3699, 0.4395



16.8678, 0.2174, 0.3199



16.8678, 0.2502, 0.2343

Rectangle

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



16.8678, 0.4171, 0.3246



16.8678, 0.4261, 0.4013



16.8678, 0.2174, 0.3199



16.8678, 0.2088, 0.2464

Sweetspot

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



16.8686, 0.4171, 0.3246



53.2038, 0.3354, 0.3277



18.3463, 0.3131, 0.2245



11.1882, 0.3396, 0.3275



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



16.8686, 0.4171, 0.3246



25.0623, 0.4562, 0.3238



23.7148, 0.3995, 0.3791



7.0906, 0.3278, 0.3281



6.0650, 0.6342, 0.3267



0.1288, 0.6075, 0.3120

Inverse Universe

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



16.8686, 0.4171, 0.3246



25.0623, 0.4562, 0.3238



21.8844, 0.2461, 0.2720



7.0906, 0.3278, 0.3281



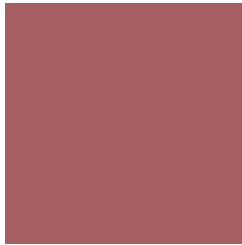
6.0650, 0.6342, 0.3267



0.1288, 0.6075, 0.3120

Previews

White Background



This preview shows how the Yxy color 16.8678, 0.4171, 0.3246 looks on a white background.

Color Contrast Check

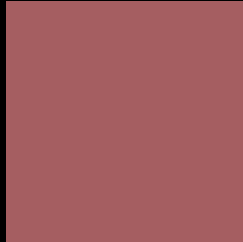
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.8678, 0.4171, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

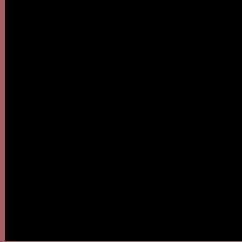
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.8678, 0.4171, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 16.8678, 0.4171, 0.3246.



This preview shows how white text looks on a background with the Yxy color 16.8678, 0.4171, 0.3246.

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

16.8678, 0.4171, 0.3246

Protanopia

16.9477, 0.3266, 0.3429

Deuteranopia

16.9466, 0.3661, 0.3593



Tritanopia

16.7481, 0.4130, 0.3183

Trichromacy



Original Color

16.8678, 0.4171, 0.3246

Protanomaly

16.6456, 0.3578, 0.3366

Deuteranomaly

16.7466, 0.3853, 0.3452

Tritanomaly

16.7289, 0.4146, 0.3198

Monochromacy



Original Color

16.8678, 0.4171, 0.3246

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.8976, 0.3477, 0.3272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.8678, 0.4171, 0.3246 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(165, 94, 97)` looks like.

```
.text, #text, p{  
    color:rgb(165, 94, 97)  
}
```

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(165, 94, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 94, 97) }
```

Border

The CSS property to change the border of an element to Yxy 16.8678, 0.4171, 0.3246 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(165, 94, 97) }
```

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

```
.border{ border-color:rgb(165, 94, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 94, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 94, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 94, 97);  
box-shadow:4px 4px 4px 4px rgb(165, 94,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 16.8678, 0.4171, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 94, 97) }
```

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

```
.background{ background-color: rgb(165, 94,  
97) }
```

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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