

Converting Colors

$Y_{xy}(17.3127, 0.3687, 0.3346)$

Have a look what the booklet for
Yxy(17.3127, 0.3687, 0.3346)
contains.

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Color

Yxy(17.3545, 0.3679, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	8F6B68
RGB	143, 107, 104
RGB Percent	56%, 42%, 41%
CMY	0.4391, 0.5804, 0.5922
CMYK	0.00, 0.25, 0.27, 0.44
HSL	5°, 16%, 48%
HSV	5°, 27%, 56%
XYZ	19.0874, 17.3545, 15.4401
YIQ	117.4220, 22.4190, 6.6990

Conversions

Conversions Part 2

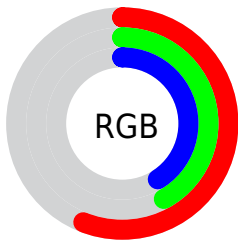
Format	Color
R_{YB}	143, 107, 104
Decimal	9399144
CIE _{Lab}	48.70, 13.91, 7.26
CIE _{LCh}	49, 15.689, 27.581
Yxy	17.3545, 0.3679, 0.3345
Android (android.graphics.Color)	4287589224 (0xFF8F6B68)
YUV	117.4220, -6.6170, 22.4319
Hunter-Lab	41.6587, 8.8830, 7.1863

Details

The Yxy color **17.3545, 0.3679, 0.3345** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.6928, 0.2737, 0.3234**, and the grayscale version is **17.9435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0331, 0.3541, 0.3344**, and **5.6986, 0.3943, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **14.5426, 0.3970, 0.3366**, and if you desaturate by 10%, it is **20.6379, 0.3440, 0.3324**.

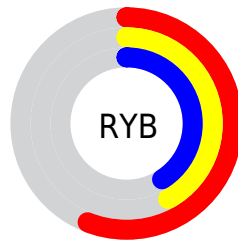
Distribution



Red (56%)

Green (42%)

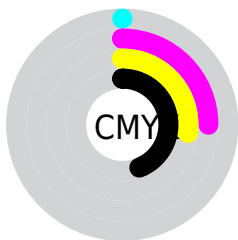
Blue (41%)



Red (56%)

Yellow (42%)

Blue (41%)

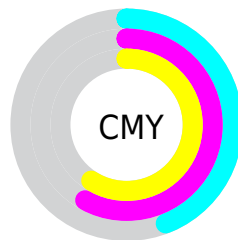


Cyan (0%)

Magenta (25%)

Yellow (27%)

Black (44%)



Cyan (44%)


Magenta (58%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3545, 0.3679, 0.3345 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 17.3545, 0.3679, 0.3345 by changing the saturation by 10% instead.


 17.3545, 0.3679,
0.3345


 17.3545, 0.3679,
0.3345

237.2071, 0.3356,
0.3318


 10.4876, 0.3782,
0.3350


 38.9343, 0.3547,
0.3336


 5.7234, 0.3930,
0.3355

 54.4159, 0.3502,
0.3332

 2.6776, 0.4165,
0.3356

 73.5379, 0.3466,
0.3329

 0.9658, 0.4682,
0.3408

 96.6847, 0.3436,
0.3327

 0.0000, 1.0000,
0.0000

124.2406, 0.3411,
0.3324

 0.0000, 0.0000,
0.0000

156.5900, 0.3390,

0.3322

194.1174, 0.3371,
0.3320

■ 17.3545, 0.3679,
0.3345

■ 17.3545, 0.3679,
0.3345

■ 14.5426, 0.3970,
0.3366

■ 20.6379, 0.3440,
0.3324

■ 12.1782, 0.4317,
0.3386

■ 24.4104, 0.3246,
0.3304

■ 10.2390, 0.4720,
0.3402


■ 28.6919, 0.3087,
0.3285


■ 8.6997, 0.5160,
0.3409


■ 33.5002, 0.2958,
0.3268

■ 7.5324, 0.5600,
0.3404


■ 38.8524, 0.2852,
0.3253

 6.7054, 0.5984,
0.3385


 44.7649, 0.2765,
0.3239

 6.1796, 0.6262,
0.3359

 51.2532, 0.2692,
0.3226

 6.0806, 0.6326,
0.3359

 58.3324, 0.2631,
0.3215

 66.0169, 0.2580,
0.3205

Harmonies

Analogous

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



17.3545, 0.3469, 0.3098



17.3545, 0.3679, 0.3345



17.3545, 0.3732, 0.3592

Triad

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



17.3545, 0.3679, 0.3345



17.3545, 0.3063, 0.3728



17.3545, 0.2652, 0.2810

Complementary

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



17.3545, 0.3679, 0.3345



23.6928, 0.2737, 0.3234

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.



17.3545, 0.2557, 0.2949



17.3545, 0.3679, 0.3345



17.3545, 0.2785, 0.3486

Square

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



17.3545, 0.3679, 0.3345



17.3545, 0.3366, 0.3834



17.3545, 0.2604, 0.3194



17.3545, 0.2871, 0.2797

Rectangle

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



17.3545, 0.3679, 0.3345



17.3545, 0.3671, 0.3725



17.3545, 0.2604, 0.3194



17.3545, 0.2605, 0.2842

Sweetspot

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



17.3553, 0.3679, 0.3345



43.0656, 0.3261, 0.3305



17.6485, 0.3191, 0.2675



9.6508, 0.3286, 0.3308



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



17.3553, 0.3679, 0.3345



27.7460, 0.3859, 0.3359



21.7925, 0.3594, 0.3676



5.4864, 0.3279, 0.3307



5.3884, 0.6321, 0.3363



0.0621, 0.5978, 0.3635

Inverse Universe

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



23.6928, 0.2737, 0.3234



41.1169, 0.2655, 0.3219



18.5801, 0.2703, 0.2870



6.0465, 0.2990, 0.3273



16.3661, 0.2182, 0.3055



0.1701, 0.2217, 0.3180

Previews

White Background



This preview shows how the Yxy color 17.3545, 0.3679, 0.3345 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 17.3545, 0.3679, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

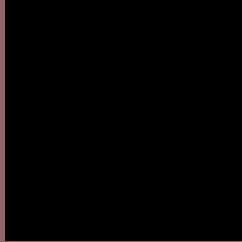
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.3545, 0.3679, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 17.3545, 0.3679, 0.3345.



This preview shows how white text looks on a background with the Yxy color 17.3545, 0.3679, 0.3345.

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

17.3545, 0.3679, 0.3345

Protanopia

17.3587, 0.3266, 0.3408

Deuteranopia

17.4731, 0.3516, 0.3460



Tritanopia

17.4523, 0.3555, 0.3150

Trichromacy



Original Color

17.3545, 0.3679, 0.3345

Protanomaly

17.2391, 0.3408, 0.3386

Deuteranomaly

17.3654, 0.3580, 0.3420

Tritanomaly

17.3631, 0.3612, 0.3221

Monochromacy



Original Color

17.3545, 0.3679, 0.3345

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.4157, 0.3313, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3545, 0.3679, 0.3345 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(143, 107, 104)` looks like.

```
.text, #text, p{  
    color:rgb(143, 107, 104)  
}
```

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(143, 107, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 107, 104) }
```

Border

The CSS property to change the border of an element to Yxy 17.3545, 0.3679, 0.3345 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(143, 107, 104) }
```

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

```
.border{ border-color:rgb(143, 107, 104) }
```

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

Here you see how a box with a 4 pixel rgb(143, 107, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 107, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 107, 104);  
box-shadow:4px 4px 4px 4px rgb(143, 107,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3545, 0.3679, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 107, 104) }
```

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

```
.background{ background-color: rgb(143,  
107, 104) }
```

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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