

Converting Colors

$Y_{xy}(17.8552, 0.3692, 0.3543)$

Have a look what the booklet for
Yxy(17.8552, 0.3692, 0.3543)
contains.

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Color

Yxy(17.7397, 0.3687, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	8B6F62
RGB	139, 111, 98
RGB Percent	55%, 44%, 38%
CMY	0.4548, 0.5647, 0.6157
CMYK	0.00, 0.20, 0.30, 0.45
HSL	19°, 17%, 46%
HSV	19°, 30%, 55%
XYZ	18.5392, 17.7397, 14.0037
YIQ	117.8900, 20.8610, 1.8930

Conversions

Conversions Part 2

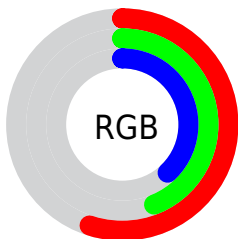
Format	Color
RYB	139, 117, 98
Decimal	9138018
CIELab	49.18, 9.03, 11.42
CIELCh	49, 14.560, 51.682
Yxy	17.7397, 0.3687, 0.3528
Android (android.graphics.Color)	4287328098 (0xFF8B6F62)
YUV	117.8900, -9.8058, 18.5135
Hunter-Lab	42.1185, 4.8624, 9.7700

Details

The Yxy color **17.7397, 0.3687, 0.3528** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.3915, 0.2689, 0.3038**, and the grayscale version is **18.1079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.7018, 0.3548, 0.3477**, and **5.8777, 0.3929, 0.3596** is the 20% darker color. If you saturate the color by 10%, you get **15.5364, 0.3943, 0.3612**, and if you desaturate by 10%, it is **20.2108, 0.3467, 0.3444**.

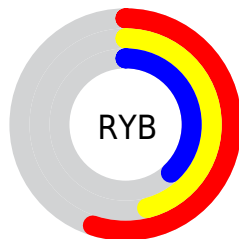
Distribution



Red (55%)

Green (44%)

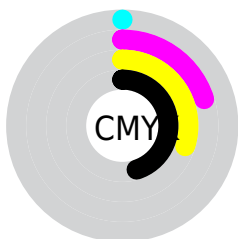
Blue (38%)



Red (55%)

Yellow (46%)

Blue (38%)

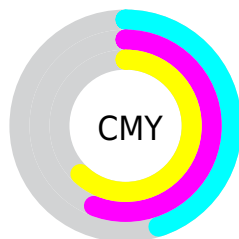


Cyan (0%)

Magenta (20%)

Yellow (30%)

Black (45%)



Cyan (45%)

Magenta (56%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.7397, 0.3687, 0.3528 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 17.7397, 0.3687, 0.3528 by changing the saturation by 10% instead.


 17.7397, 0.3687,
0.3528


 17.7397, 0.3687,
0.3528


239.3997, 0.3360,
0.3396


 10.7633, 0.3790,
0.3565


 39.5933, 0.3554,
0.3477

 5.9079, 0.3937,
0.3616

 55.2392, 0.3509,
0.3458

 2.7891, 0.4167,
0.3686

 74.5438, 0.3472,
0.3443

 1.0227, 0.4815,
0.3986

 97.8914, 0.3442,
0.3431

 0.0000, 1.0000,
0.0000

125.6663, 0.3417,
0.3420

 0.0000, 0.0000,
0.0000

158.2531, 0.3395,

0.3411

196.0361, 0.3376,
0.3403

■ 17.7397, 0.3687,
0.3528

■ 17.7397, 0.3687,
0.3528

■ 15.5364, 0.3943,
0.3612

■ 20.2108, 0.3467,
0.3444

■ 13.5892, 0.4235,
0.3692

■ 22.9558, 0.3279,
0.3363

■ 11.8890, 0.4561,
0.3759

■ 25.9841, 0.3120,
0.3286

■ 10.4255, 0.4909,
0.3803

■ 29.3036, 0.2985,
0.3216

■ 9.1874, 0.5259,
0.3813

■ 32.9218, 0.2870,
0.3151

■ 8.1623, 0.5582,
0.3780

■ 36.8462, 0.2772,
0.3091

■ 7.3310, 0.5866,
0.3716

■ 41.0839, 0.2688,
0.3037

■ 7.2940, 0.5880,
0.3713

■ 45.6417, 0.2615,
0.2988

■ 50.5262, 0.2553,
0.2943

Harmonies

Analogous

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



17.7397, 0.3607, 0.3296



17.7397, 0.3687, 0.3528



17.7397, 0.3609, 0.3713

Triad

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



17.7397, 0.3687, 0.3528



17.7397, 0.2857, 0.3521



17.7397, 0.2844, 0.2827

Complementary

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



17.7397, 0.3687, 0.3528



19.3915, 0.2689, 0.3038

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.



17.7397, 0.2660, 0.2863



17.7397, 0.3687, 0.3528



17.7397, 0.2668, 0.3255

Square

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



17.7397, 0.3687, 0.3528



17.7397, 0.3124, 0.3723



17.7397, 0.2598, 0.3014



17.7397, 0.3110, 0.2904

Rectangle

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



17.7397, 0.3687, 0.3528



17.7397, 0.3481, 0.3780



17.7397, 0.2598, 0.3014



17.7397, 0.2771, 0.2826

Sweetspot

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



17.7405, 0.3687, 0.3528



41.2554, 0.3274, 0.3360



15.7345, 0.3336, 0.2794



9.3509, 0.3297, 0.3371



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



17.7405, 0.3687, 0.3528



29.2357, 0.3843, 0.3581



22.7402, 0.3589, 0.3879



5.2904, 0.3273, 0.3360



6.6095, 0.5873, 0.3719



0.0680, 0.5144, 0.4297

Inverse Universe

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



19.3915, 0.2689, 0.3038



32.6511, 0.2599, 0.2976



14.6723, 0.2645, 0.2622



5.4259, 0.2991, 0.3219



9.0975, 0.1959, 0.2252



0.0868, 0.2106, 0.2780

Previews

White Background



This preview shows how the Yxy color 17.7397, 0.3687, 0.3528 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 17.7397, 0.3687, 0.3528 looks on a black 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

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

Yxy 17.7397, 0.3687, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 17.7397, 0.3687, 0.3528.



This preview shows how white text looks on a background with the Yxy color 17.7397, 0.3687, 0.3528.

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

17.7397, 0.3687, 0.3528

Protanopia

17.8731, 0.3401, 0.3602

Deuteranopia

17.8430, 0.3621, 0.3569



Tritanopia

17.6722, 0.3465, 0.3131

Trichromacy



Original Color

17.7397, 0.3687, 0.3528

Protanomaly

17.8487, 0.3503, 0.3576

Deuteranomaly

17.7044, 0.3640, 0.3550

Tritanomaly

17.6385, 0.3544, 0.3273

Monochromacy



Original Color

17.7397, 0.3687, 0.3528

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.8448, 0.3321, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.7397, 0.3687, 0.3528 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(139, 111, 98)` looks like.

```
.text, #text, p{  
    color:rgb(139, 111, 98)  
}
```

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(139, 111, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 111, 98) }
```

Border

The CSS property to change the border of an element to Yxy 17.7397, 0.3687, 0.3528 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(139, 111, 98) }
```

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

```
.border{ border-color:rgb(139, 111, 98) }
```

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

Here you see how a box with a 4 pixel rgb(139, 111, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 111, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 111, 98);  
box-shadow:4px 4px 4px 4px rgb(139, 111,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 17.7397, 0.3687, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 111, 98) }
```

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

```
.background{ background-color: rgb(139,  
111, 98) }
```

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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