

Converting Colors

$Y_{xy}(17.9412, 0.3755, 0.3656)$

Have a look what the booklet for
Yxy(17.9412, 0.3755, 0.3656)
contains.

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Color

$Y_{xy}(17.8500, 0.3763, 0.3656)$

Conversions

Conversions Part 1

Format	Color
Hex	8B705C
RGB	139, 112, 92
RGB Percent	55%, 44%, 36%
CMY	0.4549, 0.5608, 0.6392
CMYK	0.00, 0.19, 0.34, 0.45
HSL	26°, 20%, 45%
HSV	26°, 34%, 55%
XYZ	18.3724, 17.8500, 12.6014
YIQ	117.7930, 22.5120, -0.4960

Conversions

Conversions Part 2

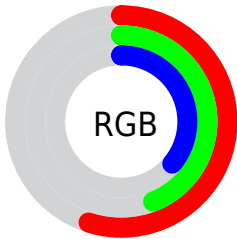
Format	Color
R_{YB}	139, 127, 92
Decimal	9138268
CIE _{Lab}	49.31, 7.57, 15.14
CIE _{LCh}	49, 16.933, 63.429
Yxy	17.8500, 0.3763, 0.3656
Android (android.graphics.Color)	4287328348 (0xFF8B705C)
YUV	117.7930, -12.7159, 18.5985
Hunter-Lab	42.2493, 3.6859, 11.8904

Details

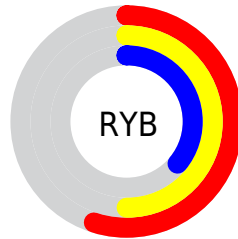
The Yxy color **17.8500, 0.3763, 0.3656** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.3289, 0.2614, 0.2891**, and the grayscale version is **18.0840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.8414, 0.3612, 0.3584**, and **5.9388, 0.4049, 0.3786** is the 20% darker color. If you saturate the color by 10%, you get **15.9455, 0.4011, 0.3767**, and if you desaturate by 10%, it is **19.9569, 0.3543, 0.3543**.

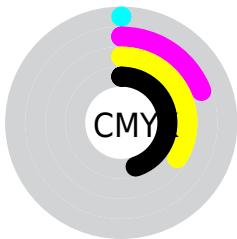
Distribution



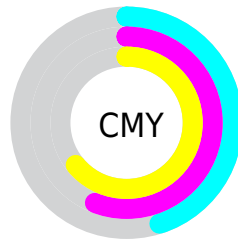
- Red (55%)
- Green (44%)
- Blue (36%)



- Red (55%)
- Yellow (50%)
- Blue (36%)



- Cyan (0%)
- Magenta (19%)
- Yellow (34%)
- Black (45%)



- Cyan (45%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.8500, 0.3763, 0.3656 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 17.8500, 0.3763, 0.3656 by changing the saturation by 10% instead.


 17.8500, 0.3763,
0.3656

 17.8500, 0.3763,
0.3656


240.0242, 0.3393,
0.3451


 10.8423, 0.3878,
0.3715


 39.7816, 0.3613,
0.3576


 5.9609, 0.4042,
0.3794

 55.4743, 0.3562,
0.3548

 2.8213, 0.4293,
0.3904


 74.8308, 0.3520,
0.3524

 1.0392, 0.5227,
0.4497

 98.2355, 0.3486,
0.3505

 0.0000, 1.0000,
0.0000

126.0728, 0.3457,
0.3489

 0.0000, 0.0000,
0.0000

158.7271, 0.3433,

0.3474

196.5828, 0.3411,
0.3462

■ 17.8500, 0.3763,
0.3656

■ 17.8500, 0.3763,
0.3656

■ 15.9455, 0.4011,
0.3767

■ 19.9569, 0.3543,
0.3543

■ 14.2345, 0.4284,
0.3869

■ 22.2699, 0.3351,
0.3433

■ 12.7109, 0.4578,
0.3952

■ 24.7956, 0.3185,
0.3328

■ 11.3674, 0.4879,
0.4006

■ 27.5398, 0.3040,
0.3230

■ 10.1958, 0.5170,
0.4018

■ 30.5076, 0.2916,
0.3139

■ 9.1873, 0.5430,
0.3981

■ 33.7044, 0.2808,
0.3055

■ 8.6347, 0.5586,
0.3947

■ 37.1351, 0.2715,
0.2979

■ 40.8045, 0.2633,
0.2908

■ 44.7174, 0.2563,
0.2844

Harmonies

Analogous

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



17.8500, 0.3743, 0.3400



17.8500, 0.3763, 0.3656



17.8500, 0.3604, 0.3833

Triad

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



17.8500, 0.3763, 0.3656



17.8500, 0.2715, 0.3439



17.8500, 0.2911, 0.2777

Complementary

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



17.8500, 0.3763, 0.3656



17.3289, 0.2614, 0.2891

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.



17.8500, 0.2656, 0.2765



17.8500, 0.3763, 0.3656



17.8500, 0.2548, 0.3128

Square

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



17.8500, 0.3763, 0.3656



17.8500, 0.2995, 0.3719



17.8500, 0.2527, 0.2885



17.8500, 0.3237, 0.2910

Rectangle

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



17.8500, 0.3763, 0.3656



17.8500, 0.3424, 0.3874



17.8500, 0.2527, 0.2885



17.8500, 0.2815, 0.2759

Sweetspot

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



17.8508, 0.3763, 0.3656



41.4673, 0.3289, 0.3395



14.4840, 0.3445, 0.2799



9.4278, 0.3310, 0.3408



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.



17.8508, 0.3763, 0.3656



29.1865, 0.3961, 0.3746



23.6105, 0.3638, 0.4041



5.3759, 0.3271, 0.3383



7.8268, 0.5578, 0.3953



0.0800, 0.4902, 0.4490

Inverse Universe

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



17.3289, 0.2614, 0.2891



28.0889, 0.2492, 0.2777



12.4890, 0.2554, 0.2408



5.3377, 0.2991, 0.3195



6.8711, 0.1854, 0.1873



0.0748, 0.2044, 0.2558

Previews

White Background



This preview shows how the Yxy color 17.8500, 0.3763, 0.3656 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 17.8500, 0.3763, 0.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

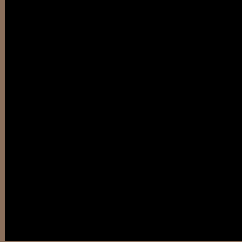
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.8500, 0.3763, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 17.8500, 0.3763, 0.3656.



This preview shows how white text looks on a background with the Yxy color 17.8500, 0.3763, 0.3656.

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

17.8500, 0.3763, 0.3656

Protanopia

17.8907, 0.3517, 0.3736

Deuteranopia

17.9013, 0.3729, 0.3677



Tritanopia

17.9724, 0.3476, 0.3150

Trichromacy



Original Color

17.8500, 0.3763, 0.3656

Protanomaly

17.7976, 0.3608, 0.3709

Deuteranomaly

17.9862, 0.3743, 0.3675

Tritanomaly

17.8973, 0.3582, 0.3327

Monochromacy



Original Color

17.8500, 0.3763, 0.3656

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

18.0305, 0.3344, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8500, 0.3763, 0.3656 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, 112, 92)` looks like.

```
.text, #text, p{  
    color:rgb(139, 112, 92)  
}
```

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, 112, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 112, 92) }
```

Border

The CSS property to change the border of an element to Yxy 17.8500, 0.3763, 0.3656 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, 112, 92) }
```

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

```
.border{ border-color:rgb(139, 112, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 112, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 112, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 112, 92);  
box-shadow:4px 4px 4px 4px rgb(139, 112,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8500, 0.3763, 0.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 112, 92) }
```

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

```
.background{ background-color: rgb(139,  
112, 92) }
```

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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