

Converting Colors

$Y_{xy}(25.3882, 0.3503, 0.3755)$

Have a look what the booklet for
Yxy(25.3882, 0.3503, 0.3755)
contains.

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Color

Yxy(25.3225, 0.3504, 0.3763)

Conversions

Conversions Part 1

Format	Color
Hex	918A6E
RGB	145, 138, 110
RGB Percent	57%, 54%, 43%
CMY	0.4314, 0.4588, 0.5687
CMYK	0.00, 0.05, 0.24, 0.43
HSL	48°, 14%, 50%
HSV	48°, 24%, 57%
XYZ	23.5796, 25.3225, 18.3913
YIQ	136.9010, 13.1600, -7.2240

Conversions

Conversions Part 2

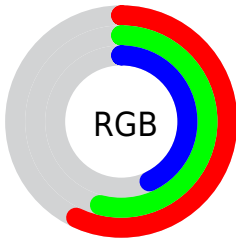
Format	Color
R_{YB}	119, 145, 110
Decimal	9538158
CIE Lab	57.39, -2.16, 15.98
CIE LCh	57, 16.121, 97.684
Yxy	25.3225, 0.3504, 0.3763
Android (android.graphics.Color)	4287728238 (0xFF918A6E)
YUV	136.9010, -13.2622, 7.1028
Hunter-Lab	50.3215, -4.4211, 13.5560

Details

The Yxy color $25.3225, 0.3504, 0.3763$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $18.0765, 0.2741, 0.2768$, and the grayscale version is $25.0244, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.0124, 0.3421, 0.3653$, and $9.7069, 0.3643, 0.3939$ is the 20% darker color. If you saturate the color by 10%, you get $24.2127, 0.3674, 0.3964$, and if you desaturate by 10%, it is $26.5085, 0.3341, 0.3563$.

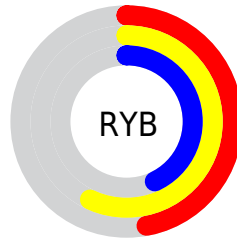
Distribution



Red (57%)

Green (54%)

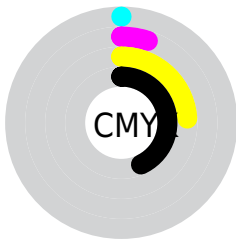
Blue (43%)



Red (47%)

Yellow (57%)

Blue (43%)

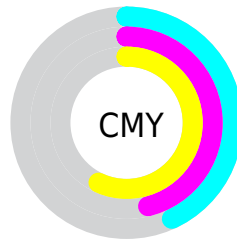


Cyan (0%)

Magenta (5%)

Yellow (24%)

Black (43%)



Cyan (43%)


Magenta (46%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3225, 0.3504, 0.3763 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 25.3225, 0.3504, 0.3763 by changing the saturation by 10% instead.


 25.3225, 0.3504,
0.3763


 25.3225, 0.3504,
0.3763


279.4402, 0.3298,
0.3502


 16.3175, 0.3562,
0.3837


 52.1799, 0.3425,
0.3662


 9.7491, 0.3640,
0.3939


 70.8011, 0.3396,
0.3625

 5.2329, 0.3751,
0.4086

 93.3965, 0.3373,
0.3596

 2.3846, 0.3917,
0.4312

 120.3505, 0.3353,
0.3571

 0.8179, 0.4698,
0.5302

152.0475, 0.3336,
0.3550

 0.0000, 0.0000,
0.0000

188.8718, 0.3322,

0.3532

231.2080, 0.3309,
0.3516

■ 25.3225, 0.3504,
0.3763

■ 25.3225, 0.3504,
0.3763

■ 24.2127, 0.3674,
0.3964

■ 26.5085, 0.3341,
0.3563

■ 23.1729, 0.3847,
0.4157

■ 27.7697, 0.3188,
0.3368

■ 22.2015, 0.4017,
0.4336

■ 29.1097, 0.3045,
0.3183

■ 21.2952, 0.4178,
0.4491

■ 30.5307, 0.2915,
0.3008

■ 20.4505, 0.4322,
0.4612

■ 32.0348, 0.2797,
0.2846

■ 19.6635, 0.4444,
0.4692

■ 33.6240, 0.2690,
0.2696

■ 18.9292, 0.4538,
0.4728

■ 35.3004, 0.2593,
0.2559

■ 18.5163, 0.4588,
0.4739

■ 37.0658, 0.2506,
0.2433

■ 38.9221, 0.2429,
0.2319

Harmonies

Analogous

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



25.3225, 0.3655, 0.3631



25.3225, 0.3504, 0.3763



25.3225, 0.3254, 0.3765

Triad

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



25.3225, 0.3504, 0.3763



25.3225, 0.2622, 0.3121



25.3225, 0.3262, 0.2989

Complementary

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



25.3225, 0.3504, 0.3763



18.0765, 0.2741, 0.2768

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.



25.3225, 0.2982, 0.2862



25.3225, 0.3504, 0.3763



25.3225, 0.2623, 0.2926

Square

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



25.3225, 0.3504, 0.3763



25.3225, 0.2750, 0.3379



25.3225, 0.2751, 0.2836



25.3225, 0.3514, 0.3189

Rectangle

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



25.3225, 0.3504, 0.3763



25.3225, 0.3069, 0.3685



25.3225, 0.2751, 0.2836



25.3225, 0.3167, 0.2936

Sweetspot

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



25.3236, 0.3504, 0.3763



49.0381, 0.3232, 0.3426



18.4521, 0.3514, 0.3169



10.8840, 0.3240, 0.3435



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.



25.3236, 0.3504, 0.3763



44.2477, 0.3596, 0.3873



26.4866, 0.3361, 0.3896



6.1048, 0.3263, 0.3465



15.9179, 0.4585, 0.4741



0.1822, 0.4371, 0.4911

Inverse Universe

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



18.0765, 0.2741, 0.2768



28.9520, 0.2643, 0.2630



17.2205, 0.2852, 0.2655



5.4188, 0.2990, 0.3109



2.5379, 0.1564, 0.0831



0.0500, 0.1748, 0.1493

Previews

White Background



This preview shows how the Yxy color 25.3225, 0.3504, 0.3763 looks on a white 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

Black Background



This preview shows how the Yxy color 25.3225, 0.3504, 0.3763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

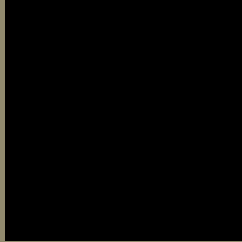
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

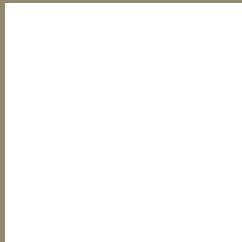
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.3225, 0.3504, 0.3763

Background



This preview shows how black text looks on a background with the Yxy color 25.3225, 0.3504, 0.3763.



This preview shows how white text looks on a background with the Yxy color 25.3225, 0.3504, 0.3763.

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

25.3225, 0.3504, 0.3763

Protanopia

25.4137, 0.3516, 0.3761

Deuteranopia

25.1238, 0.3698, 0.3626



Tritanopia

25.1782, 0.3192, 0.3113

Trichromacy



Original Color

25.3225, 0.3504, 0.3763

Protanomaly

25.4137, 0.3516, 0.3761

Deuteranomaly

25.1665, 0.3628, 0.3665

Tritanomaly

25.2898, 0.3307, 0.3340

Monochromacy



Original Color

25.3225, 0.3504, 0.3763

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.9991, 0.3265, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3225, 0.3504, 0.3763 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(145, 138, 110)` looks like.

```
.text, #text, p{  
    color:rgb(145, 138, 110)  
}
```

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(145, 138, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 138, 110) }
```

Border

The CSS property to change the border of an element to Yxy 25.3225, 0.3504, 0.3763 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(145, 138, 110) }
```

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

```
.border{ border-color:rgb(145, 138, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 138, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 138, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 138, 110);  
box-shadow:4px 4px 4px 4px rgb(145, 138,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3225, 0.3504, 0.3763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 138, 110) }
```

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

```
.background{ background-color: rgb(145,  
138, 110) }
```

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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