

Converting Colors

$Y_{xy}(25.3243, 0.3753, 0.4228)$

Have a look what the booklet for
Yxy(25.3243, 0.3753, 0.4228)
contains.

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Color

Yxy(25.3256, 0.3753, 0.4228)

Conversions

Conversions Part 1

Format	Color
Hex	908C54
RGB	144, 140, 84
RGB Percent	56%, 55%, 33%
CMY	0.4353, 0.4510, 0.6705
CMYK	0.00, 0.03, 0.42, 0.44
HSL	56°, 26%, 45%
HSV	56°, 42%, 56%
XYZ	22.4804, 25.3256, 12.0938
YIQ	134.8120, 20.3600, -16.5680

Conversions

Conversions Part 2

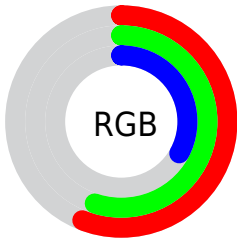
Format	Color
RYB	88, 144, 84
Decimal	9473108
CIELab	57.39, -7.13, 30.40
CIELCh	57, 31.223, 103.197
Yxy	25.3256, 0.3753, 0.4228
Android (android.graphics.Color)	4287663188 (0xFF908C54)
YUV	134.8120, -25.0503, 8.0579
Hunter-Lab	50.3245, -8.3306, 20.9789

Details

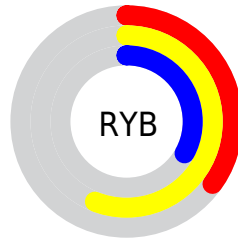
The Yxy color **25.3256, 0.3753, 0.4228** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.8805, 0.2393, 0.2137**, and the grayscale version is **24.2451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0033, 0.3636, 0.4030**, and **9.7212, 0.3944, 0.4562** is the 20% darker color. If you saturate the color by 10%, you get **24.8446, 0.3895, 0.4432**, and if you desaturate by 10%, it is **25.8578, 0.3602, 0.4007**.

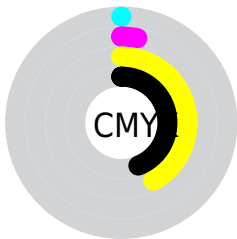
Distribution



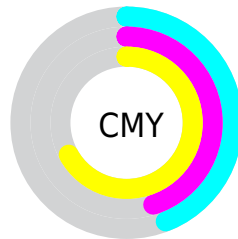
- Red (56%)
- Green (55%)
- Blue (33%)



- Red (35%)
- Yellow (56%)
- Blue (33%)



- Cyan (0%)
- Magenta (3%)
- Yellow (42%)
- Black (44%)





- Cyan (44%)
- Magenta (45%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3256, 0.3753, 0.4228 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 25.3256, 0.3753, 0.4228 by changing the saturation by 10% instead.


 25.3256, 0.3753,
0.4228


 25.3256, 0.3753,
0.4228


279.4556, 0.3421,
0.3711


 16.3198, 0.3838,
0.4371


 52.1849, 0.3629,
0.4029


 9.7507, 0.3945,
0.4562


 70.8073, 0.3584,
0.3957

 5.2340, 0.4079,
0.4822

 93.4039, 0.3545,
0.3898

 2.3852, 0.4494,
0.5506

 120.3593, 0.3513,
0.3849

 0.8183, 0.4246,
0.5754

 152.0577, 0.3485,
0.3806

 0.0000, 0.0000,
0.0000

188.8837, 0.3461,

0.3770

231.2215, 0.3440,
0.3738

■ 25.3256, 0.3753,
0.4228

■ 25.3256, 0.3753,
0.4228

■ 24.8446, 0.3895,
0.4432

■ 25.8578, 0.3602,
0.4007

■ 24.4084, 0.4023,
0.4611

■ 26.4402, 0.3449,
0.3779

■ 24.0150, 0.4132,
0.4756

■ 27.0766, 0.3297,
0.3550

■ 23.6607, 0.4216,
0.4862

■ 27.7691, 0.3151,
0.3326

■ 23.3414, 0.4276,
0.4926

■ 28.5200, 0.3012,
0.3113

■ 23.0918, 0.4312,
0.4958

■ 29.3311, 0.2883,
0.2912

■ 30.2045, 0.2763,
0.2725

■ 31.1420, 0.2654,
0.2553

■ 32.1453, 0.2555,
0.2396

Harmonies

Analogous

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



25.3256, 0.4105, 0.3969



25.3256, 0.3753, 0.4228



25.3256, 0.3250, 0.4217

Triad

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



25.3256, 0.3753, 0.4228



25.3256, 0.2171, 0.2858



25.3256, 0.3476, 0.2789

Complementary

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



25.3256, 0.3753, 0.4228



10.8805, 0.2393, 0.2137

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.



25.3256, 0.2931, 0.2535



25.3256, 0.3753, 0.4228



25.3256, 0.2218, 0.2546

Square

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



25.3256, 0.3753, 0.4228



25.3256, 0.2351, 0.3350



25.3256, 0.2483, 0.2443



25.3256, 0.3953, 0.3158

Rectangle

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



25.3256, 0.3753, 0.4228



25.3256, 0.2900, 0.4024



25.3256, 0.2483, 0.2443



25.3256, 0.3293, 0.2689

Sweetspot

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



25.3268, 0.3753, 0.4228



47.6880, 0.3306, 0.3563



12.9771, 0.4080, 0.3221



10.9059, 0.3323, 0.3589



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.



25.3268, 0.3753, 0.4228



43.8713, 0.3887, 0.4420



24.4388, 0.3426, 0.4396



6.2248, 0.3260, 0.3493



20.1223, 0.4311, 0.4959



0.2044, 0.4247, 0.5010

Inverse Universe

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



10.8805, 0.2393, 0.2137



14.8588, 0.2203, 0.1830



11.6721, 0.2702, 0.2154



5.3091, 0.2990, 0.3078



1.9490, 0.1517, 0.0660



0.0278, 0.1593, 0.0934

Previews

White Background



This preview shows how the Yxy color 25.3256, 0.3753, 0.4228 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 25.3256, 0.3753, 0.4228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

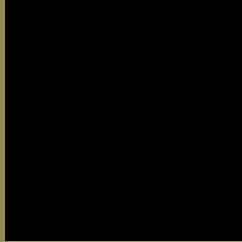
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3256, 0.3753, 0.4228

Background



This preview shows how black text looks on a background with the Yxy color 25.3256, 0.3753, 0.4228.



This preview shows how white text looks on a background with the Yxy color 25.3256, 0.3753, 0.4228.

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

25.3256, 0.3753, 0.4228

Protanopia

25.3808, 0.3861, 0.4185

Deuteranopia

25.2814, 0.4055, 0.3996



Tritanopia

25.3375, 0.3225, 0.3130

Trichromacy



Original Color

25.3256, 0.3753, 0.4228

Protanomaly

25.3857, 0.3818, 0.4212

Deuteranomaly

25.2529, 0.3946, 0.4084

Tritanomaly

25.3094, 0.3414, 0.3523

Monochromacy



Original Color

25.3256, 0.3753, 0.4228

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.5555, 0.3360, 0.3654

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3256, 0.3753, 0.4228 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(144, 140, 84)` looks like.

```
.text, #text, p{  
    color:rgb(144, 140, 84)  
}
```

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(144, 140, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 140, 84) }
```

Border

The CSS property to change the border of an element to Yxy 25.3256, 0.3753, 0.4228 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(144, 140, 84) }
```

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

```
.border{ border-color:rgb(144, 140, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 140, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 140, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 140, 84);  
box-shadow:4px 4px 4px 4px rgb(144, 140,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3256, 0.3753, 0.4228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 140, 84) }
```

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

```
.background{ background-color: rgb(144,  
140, 84) }
```

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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