

Converting Colors

$Y_{xy}(25.1672, 0.3678, 0.4084)$

Have a look what the booklet for
Yxy(25.1672, 0.3678, 0.4084)
contains.

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Color

Yxy(25.1672, 0.3678, 0.4084)

Conversions

Conversions Part 1

Format	Color
Hex	908B5C
RGB	144, 139, 92
RGB Percent	56%, 55%, 36%
CMY	0.4353, 0.4549, 0.6392
CMYK	0.00, 0.03, 0.36, 0.44
HSL	54°, 22%, 46%
HSV	54°, 36%, 56%
XYZ	22.6653, 25.1672, 13.7914
YIQ	135.1370, 18.0670, -13.5570

Conversions

Conversions Part 2

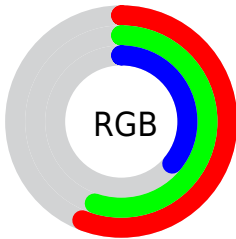
Format	Color
R_{YB}	98, 144, 92
Decimal	9472860
CIE _{Lab}	57.24, -5.62, 25.83
CIE _{LCh}	57, 26.436, 102.279
Yxy	25.1672, 0.3678, 0.4084
Android (android.graphics.Color)	4287662940 (0xFF908B5C)
YUV	135.1370, -21.2665, 7.7729
Hunter-Lab	50.1669, -7.1463, 18.8174

Details

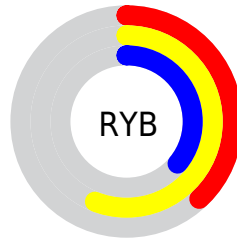
The Yxy color $25.1672, 0.3678, 0.4084$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $12.8388, 0.2509, 0.2347$, and the grayscale version is $24.3580, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.8246, 0.3570, 0.3906$, and $9.6614, 0.3870, 0.4368$ is the 20% darker color. If you saturate the color by 10%, you get $24.5425, 0.3831, 0.4294$, and if you desaturate by 10%, it is $25.8471, 0.3521, 0.3863$.

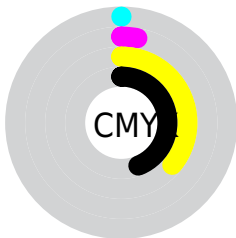
Distribution



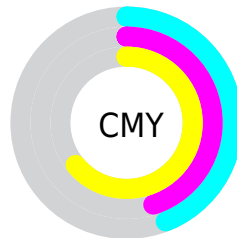
- Red (56%)
- Green (55%)
- Blue (36%)



- Red (38%)
- Yellow (56%)
- Blue (36%)



- Cyan (0%)
- Magenta (3%)
- Yellow (36%)
- Black (44%)





- Cyan (44%)
- Magenta (45%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1672, 0.3678, 0.4084 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 25.1672, 0.3678, 0.4084 by changing the saturation by 10% instead.


 25.1672, 0.3678,
0.4084


 25.1672, 0.3678,
0.4084


278.6696, 0.3382,
0.3645


 16.2017, 0.3757,
0.4208


 51.9283, 0.3566,
0.3914


 9.6670, 0.3859,
0.4374


 70.4927, 0.3525,
0.3853

 5.1787, 0.3994,
0.4606

 93.0255, 0.3491,
0.3803

 2.3525, 0.4304,
0.5106

 119.9112, 0.3463,
0.3761

 0.8013, 0.4379,
0.5621

151.5340, 0.3438,
0.3726

 0.0000, 0.0000,
0.0000

188.2784, 0.3417,

0.3695

230.5288, 0.3398,
0.3668

■ 25.1672, 0.3678,
0.4084

■ 25.1672, 0.3678,
0.4084

■ 24.5425, 0.3831,
0.4294

■ 25.8471, 0.3521,
0.3863

■ 23.9668, 0.3974,
0.4484

■ 26.5814, 0.3366,
0.3640

■ 23.4383, 0.4102,
0.4646

■ 27.3734, 0.3215,
0.3420

■ 22.9536, 0.4209,
0.4771

■ 28.2255, 0.3072,
0.3209

■ 22.5088, 0.4291,
0.4855

■ 29.1396, 0.2939,
0.3009

■ 22.0980, 0.4348,
0.4900

■ 30.1178, 0.2816,
0.2822

■ 21.9417, 0.4368,
0.4914

■ 31.1619, 0.2703,
0.2649

■ 32.2738, 0.2601,
0.2490

■ 33.4551, 0.2508,
0.2346

Harmonies

Analogous

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



25.1672, 0.3967, 0.3870



25.1672, 0.3678, 0.4084



25.1672, 0.3252, 0.4072

Triad

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



25.1672, 0.3678, 0.4084



25.1672, 0.2307, 0.2940



25.1672, 0.3412, 0.2851

Complementary

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



25.1672, 0.3678, 0.4084



12.8388, 0.2509, 0.2347

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.



25.1672, 0.2950, 0.2633



25.1672, 0.3678, 0.4084



25.1672, 0.2340, 0.2661

Square

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



25.1672, 0.3678, 0.4084



25.1672, 0.2472, 0.3360



25.1672, 0.2566, 0.2561



25.1672, 0.3816, 0.3171

Rectangle

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



25.1672, 0.3678, 0.4084



25.1672, 0.2952, 0.3914



25.1672, 0.2566, 0.2561



25.1672, 0.3257, 0.2765

Sweetspot

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



25.1683, 0.3678, 0.4084



47.5574, 0.3292, 0.3532



14.4524, 0.3873, 0.3199



10.8679, 0.3310, 0.3559



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.



25.1683, 0.3678, 0.4084



43.5298, 0.3798, 0.4249



24.9425, 0.3411, 0.4233



6.1982, 0.3261, 0.3487



19.1284, 0.4367, 0.4914



0.1995, 0.4272, 0.4990

Inverse Universe

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



12.8388, 0.2509, 0.2347



18.6079, 0.2354, 0.2103



13.1680, 0.2749, 0.2314



5.3331, 0.2990, 0.3085



2.0404, 0.1524, 0.0687



0.0327, 0.1630, 0.1069

Previews

White Background



This preview shows how the Yxy color 25.1672, 0.3678, 0.4084 looks on a white background.

Color Contrast Check

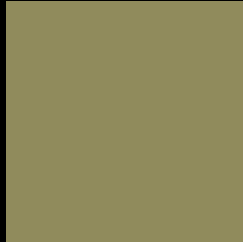
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1672, 0.3678, 0.4084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

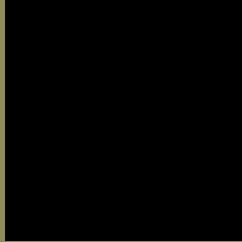
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1672, 0.3678, 0.4084

Background



This preview shows how black text looks on a background with the Yxy color 25.1672, 0.3678, 0.4084.



This preview shows how white text looks on a background with the Yxy color 25.1672, 0.3678, 0.4084.

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

25.1672, 0.3678, 0.4084

Protanopia

25.0362, 0.3760, 0.4053

Deuteranopia

24.9333, 0.3949, 0.3869



Tritanopia

25.2423, 0.3214, 0.3130

Trichromacy



Original Color

25.1672, 0.3678, 0.4084

Protanomaly

25.1353, 0.3730, 0.4075

Deuteranomaly

25.0086, 0.3855, 0.3950

Tritanomaly

25.0791, 0.3395, 0.3473

Monochromacy



Original Color

25.1672, 0.3678, 0.4084

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.3435, 0.3330, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1672, 0.3678, 0.4084 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, 139, 92)` looks like.

```
.text, #text, p{  
    color:rgb(144, 139, 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(144, 139, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 139, 92) }
```

Border

The CSS property to change the border of an element to Yxy 25.1672, 0.3678, 0.4084 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, 139, 92) }
```

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

```
.border{ border-color:rgb(144, 139, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 139, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 139, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 139, 92);  
box-shadow:4px 4px 4px 4px rgb(144, 139,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1672, 0.3678, 0.4084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 139, 92) }
```

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

```
.background{ background-color: rgb(144,  
139, 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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