

Converting Colors

$Y_{xy}(25.1268, 0.3641, 0.3892)$

Have a look what the booklet for
Yxy(25.1268, 0.3641, 0.3892)
contains.

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Color

Yxy(25.1268, 0.3641, 0.3892)

Conversions

Conversions Part 1

Format	Color
Hex	948965
RGB	148, 137, 101
RGB Percent	58%, 54%, 40%
CMY	0.4197, 0.4627, 0.6039
CMYK	0.00, 0.07, 0.32, 0.42
HSL	46°, 19%, 49%
HSV	46°, 32%, 58%
XYZ	23.5063, 25.1268, 15.9270
YIQ	136.1850, 18.1120, -8.8640

Conversions

Conversions Part 2

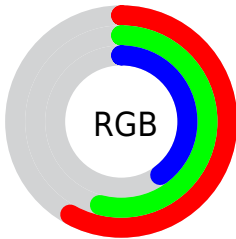
Format	Color
R_{YB}	115, 148, 101
Decimal	9734501
CIE _{Lab}	57.20, -1.66, 20.83
CIE _{LCh}	57, 20.892, 94.569
Yxy	25.1268, 0.3641, 0.3892
Android (android.graphics.Color)	4287924581 (0xFF948965)
YUV	136.1850, -17.3462, 10.3618
Hunter-Lab	50.1266, -4.0160, 16.2501

Details

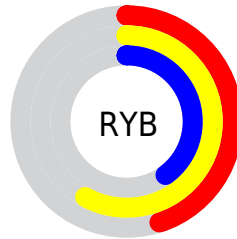
The Yxy color $25.1268, 0.3641, 0.3892$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $16.4933, 0.2607, 0.2605$, and the grayscale version is $24.7551, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.7904, 0.3539, 0.3763$, and $9.5695, 0.3813, 0.4101$ is the 20% darker color. If you saturate the color by 10%, you get $23.8954, 0.3820, 0.4082$, and if you desaturate by 10%, it is $26.4443, 0.3468, 0.3698$.

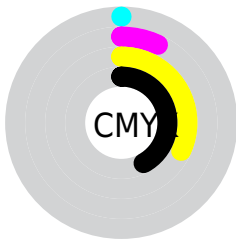
Distribution



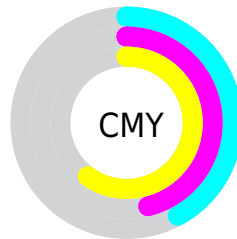
- Red (58%)
- Green (54%)
- Blue (40%)



- Red (45%)
- Yellow (58%)
- Blue (40%)



- Cyan (0%)
- Magenta (7%)
- Yellow (32%)
- Black (42%)




- Cyan (42%)
- Magenta (46%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1268, 0.3641, 0.3892 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 25.1268, 0.3641, 0.3892 by changing the saturation by 10% instead.


 25.1268, 0.3641,
0.3892


 25.1268, 0.3641,
0.3892


278.4688, 0.3361,
0.3561


 16.1716, 0.3719,
0.3985


 51.8629, 0.3533,
0.3764


 9.6456, 0.3823,
0.4111


 70.4124, 0.3495,
0.3718

 5.1646, 0.3967,
0.4288

 92.9289, 0.3463,
0.3681

 2.3442, 0.4208,
0.4585

 119.7967, 0.3436,
0.3649

 0.7969, 0.4735,
0.5265

151.4002, 0.3413,
0.3622

 0.0000, 0.0000,
0.0000

188.1238, 0.3393,

0.3599

230.3519, 0.3376,
0.3579

■ 25.1268, 0.3641,
0.3892

■ 25.1268, 0.3641,
0.3892

■ 23.8954, 0.3820,
0.4082

■ 26.4443, 0.3468,
0.3698

■ 22.7436, 0.4000,
0.4259

■ 27.8472, 0.3304,
0.3506

■ 21.6691, 0.4173,
0.4416

■ 29.3396, 0.3152,
0.3321

■ 20.6683, 0.4334,
0.4540

■ 30.9239, 0.3013,
0.3146

■ 19.7368, 0.4474,
0.4626

■ 32.6025, 0.2886,
0.2981

■ 18.8700, 0.4587,
0.4666

■ 34.3779, 0.2771,
0.2829

■ 18.1923, 0.4667,
0.4676

■ 36.2521, 0.2668,
0.2689

■ 38.2274, 0.2575,
0.2560

■ 40.3058, 0.2492,
0.2442

Harmonies

Analogous

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



25.1268, 0.3824, 0.3699



25.1268, 0.3641, 0.3892



25.1268, 0.3324, 0.3923

Triad

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



25.1268, 0.3641, 0.3892



25.1268, 0.2488, 0.3097



25.1268, 0.3261, 0.2882

Complementary

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



25.1268, 0.3641, 0.3892



16.4933, 0.2607, 0.2605

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.



25.1268, 0.2901, 0.2733



25.1268, 0.3641, 0.3892



25.1268, 0.2472, 0.2836

Square

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



25.1268, 0.3641, 0.3892



25.1268, 0.2664, 0.3440



25.1268, 0.2619, 0.2712



25.1268, 0.3601, 0.3127

Rectangle

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



25.1268, 0.3641, 0.3892



25.1268, 0.3084, 0.3833



25.1268, 0.2619, 0.2712



25.1268, 0.3138, 0.2820

Sweetspot

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



25.1279, 0.3641, 0.3892



49.5391, 0.3280, 0.3477



16.7923, 0.3648, 0.3088



11.2338, 0.3300, 0.3501



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.1279, 0.3641, 0.3892



42.8030, 0.3766, 0.4026



27.3707, 0.3458, 0.4092



6.5172, 0.3265, 0.3459



15.5846, 0.4664, 0.4679



0.2355, 0.4407, 0.4883

Inverse Universe

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



16.4933, 0.2607, 0.2605



25.1507, 0.2478, 0.2423



14.9432, 0.2718, 0.2421



5.8400, 0.2989, 0.3116



2.8697, 0.1581, 0.0892



0.0741, 0.1782, 0.1616

Previews

White Background



This preview shows how the Yxy color 25.1268, 0.3641, 0.3892 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 25.1268, 0.3641, 0.3892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

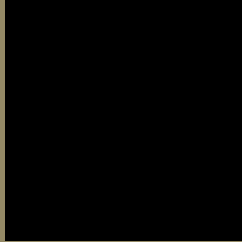
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1268, 0.3641, 0.3892

Background



This preview shows how black text looks on a background with the Yxy color 25.1268, 0.3641, 0.3892.



This preview shows how white text looks on a background with the Yxy color 25.1268, 0.3641, 0.3892.

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

25.1268, 0.3641, 0.3892

Protanopia

25.0339, 0.3629, 0.3895

Deuteranopia

25.1432, 0.3827, 0.3766



Tritanopia

25.2278, 0.3260, 0.3131

Trichromacy



Original Color

25.1268, 0.3641, 0.3892

Protanomaly

25.0339, 0.3629, 0.3895

Deuteranomaly

25.1776, 0.3755, 0.3807

Tritanomaly

25.1618, 0.3399, 0.3405

Monochromacy



Original Color

25.1268, 0.3641, 0.3892

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.6138, 0.3310, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1268, 0.3641, 0.3892 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(148, 137, 101)` looks like.

```
.text, #text, p{  
    color:rgb(148, 137, 101)  
}
```

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(148, 137, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 137, 101) }
```

Border

The CSS property to change the border of an element to Yxy 25.1268, 0.3641, 0.3892 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(148, 137, 101) }
```

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

```
.border{ border-color:rgb(148, 137, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 137, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 137, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 137, 101);  
box-shadow:4px 4px 4px 4px rgb(148, 137,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1268, 0.3641, 0.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 137, 101) }
```

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

```
.background{ background-color: rgb(148,  
137, 101) }
```

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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