

Converting Colors

$Y_{xy}(25.3480, 0.3702, 0.4077)$

Have a look what the booklet for
Yxy(25.3480, 0.3702, 0.4077)
contains.

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Color

Yxy(25.3489, 0.3702, 0.4077)

Conversions

Conversions Part 1

Format	Color
Hex	928B5C
RGB	146, 139, 92
RGB Percent	57%, 55%, 36%
CMY	0.4275, 0.4549, 0.6391
CMYK	0.00, 0.05, 0.37, 0.43
HSL	52°, 23%, 47%
HSV	52°, 37%, 57%
XYZ	23.0173, 25.3489, 13.8092
YIQ	135.7350, 19.2590, -13.1330

Conversions

Conversions Part 2

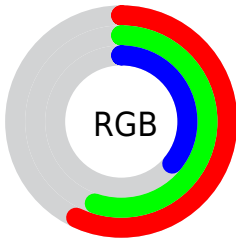
Format	Color
R_{YB}	100, 146, 92
Decimal	9603932
CIE Lab	57.41, -4.78, 26.09
CIE LCh	57, 26.526, 100.388
Yxy	25.3489, 0.3702, 0.4077
Android (android.graphics.Color)	4287794012 (0xFF928B5C)
YUV	135.7350, -21.5614, 9.0024
Hunter-Lab	50.3477, -6.5041, 18.9816

Details

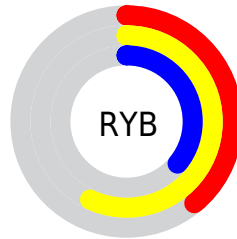
The Yxy color $25.3489, 0.3702, 0.4077$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.2749, 0.2496, 0.2356$, and the grayscale version is $24.5935, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.1000, 0.3587, 0.3902$, and $9.7139, 0.3888, 0.4360$ is the 20% darker color. If you saturate the color by 10%, you get $24.5767, 0.3861, 0.4280$, and if you desaturate by 10%, it is $26.1821, 0.3541, 0.3863$.

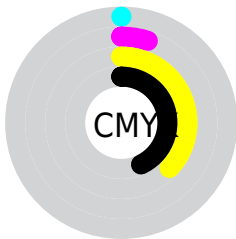
Distribution



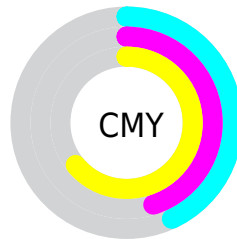
- Red (57%)
- Green (55%)
- Blue (36%)



- Red (39%)
- Yellow (57%)
- Blue (36%)



- Cyan (0%)
- Magenta (5%)
- Yellow (37%)
- Black (43%)





- Cyan (43%)
- Magenta (45%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3489, 0.3702, 0.4077 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 25.3489, 0.3702, 0.4077 by changing the saturation by 10% instead.


 25.3489, 0.3702,
0.4077


 25.3489, 0.3702,
0.4077


279.5711, 0.3393,
0.3643


 16.3372, 0.3784,
0.4198


 52.2227, 0.3585,
0.3910


 9.7631, 0.3892,
0.4361


 70.8535, 0.3543,
0.3850

 5.2421, 0.4033,
0.4586

 93.4596, 0.3507,
0.3800

 2.3900, 0.4351,
0.5066

 120.4251, 0.3477,
0.3759

 0.8208, 0.4470,
0.5530

152.1347, 0.3451,
0.3723

 0.0000, 0.0000,
0.0000

188.9726, 0.3429,

0.3693

231.3233, 0.3410,
0.3667

■ 25.3489, 0.3702,
0.4077

■ 25.3489, 0.3702,
0.4077

■ 24.5767, 0.3861,
0.4280

■ 26.1821, 0.3541,
0.3863

■ 23.8590, 0.4011,
0.4464

■ 27.0755, 0.3382,
0.3647

■ 23.1940, 0.4147,
0.4619

■ 28.0326, 0.3229,
0.3434

■ 22.5780, 0.4262,
0.4737

■ 29.0558, 0.3084,
0.3229

■ 22.0070, 0.4352,
0.4814

■ 30.1474, 0.2950,
0.3035

■ 21.4739, 0.4417,
0.4851

■ 31.3093, 0.2827,
0.2854

■ 21.3157, 0.4436,
0.4860

■ 32.5435, 0.2714,
0.2687

■ 33.8520, 0.2612,
0.2533

■ 35.2365, 0.2520,
0.2392

Harmonies

Analogous

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



25.3489, 0.3979, 0.3852



25.3489, 0.3702, 0.4077



25.3489, 0.3281, 0.4081

Triad

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



25.3489, 0.3702, 0.4077



25.3489, 0.2310, 0.2963



25.3489, 0.3383, 0.2834

Complementary

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



25.3489, 0.3702, 0.4077



13.2749, 0.2496, 0.2356

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.



25.3489, 0.2922, 0.2623



25.3489, 0.3702, 0.4077



25.3489, 0.2332, 0.2673

Square

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



25.3489, 0.3702, 0.4077



25.3489, 0.2488, 0.3388



25.3489, 0.2546, 0.2561



25.3489, 0.3796, 0.3149

Rectangle

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



25.3489, 0.3702, 0.4077



25.3489, 0.2980, 0.3934



25.3489, 0.2546, 0.2561



25.3489, 0.3227, 0.2749

Sweetspot

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



25.3501, 0.3702, 0.4077



48.7298, 0.3293, 0.3524



14.6725, 0.3870, 0.3165



10.7960, 0.3311, 0.3549



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.



25.3501, 0.3702, 0.4077



43.6397, 0.3828, 0.4239



25.7775, 0.3438, 0.4252



6.6180, 0.3262, 0.3481



18.7843, 0.4434, 0.4861



0.2586, 0.4303, 0.4966

Inverse Universe

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



13.2749, 0.2496, 0.2356



19.2909, 0.2341, 0.2115



13.1648, 0.2714, 0.2280



5.7468, 0.2989, 0.3091



2.2528, 0.1534, 0.0723



0.0510, 0.1671, 0.1213

Previews

White Background



This preview shows how the Yxy color 25.3489, 0.3702, 0.4077 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 25.3489, 0.3702, 0.4077 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 25.3489, 0.3702, 0.4077

Background



This preview shows how black text looks on a background with the Yxy color 25.3489, 0.3702, 0.4077.



This preview shows how white text looks on a background with the Yxy color 25.3489, 0.3702, 0.4077.

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

25.3489, 0.3702, 0.4077

Protanopia

25.4337, 0.3756, 0.4049

Deuteranopia

25.3100, 0.3954, 0.3881



Tritanopia

25.4336, 0.3237, 0.3131

Trichromacy



Original Color

25.3489, 0.3702, 0.4077

Protanomaly

25.3392, 0.3744, 0.4052

Deuteranomaly

25.3874, 0.3861, 0.3962

Tritanomaly

25.2672, 0.3418, 0.3472

Monochromacy



Original Color

25.3489, 0.3702, 0.4077

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.8228, 0.3340, 0.3581

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3489, 0.3702, 0.4077 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(146, 139, 92)` looks like.

```
.text, #text, p{  
    color:rgb(146, 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(146, 139, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 139, 92) }
```

Border

The CSS property to change the border of an element to Yxy 25.3489, 0.3702, 0.4077 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(146, 139, 92) }
```

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

```
.border{ border-color:rgb(146, 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(146, 139, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 139, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 139, 92);  
box-shadow:4px 4px 4px 4px rgb(146, 139,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3489, 0.3702, 0.4077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 139, 92) }
```

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

```
.background{ background-color: rgb(146,  
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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