

Converting Colors

$Y_{xy}(25.0347, 0.3579, 0.4091)$

Have a look what the booklet for
Yxy(25.0347, 0.3579, 0.4091)
contains.

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Color

Yxy(24.9676, 0.3581, 0.4086)

Conversions

Conversions Part 1

Format	Color
Hex	8A8C5E
RGB	138, 140, 94
RGB Percent	54%, 55%, 37%
CMY	0.4588, 0.4510, 0.6314
CMYK	0.01, 0.00, 0.33, 0.45
HSL	63°, 20%, 46%
HSV	63°, 33%, 55%
XYZ	21.8818, 24.9676, 14.2559
YIQ	134.1580, 13.5740, -14.7300

Conversions

Conversions Part 2

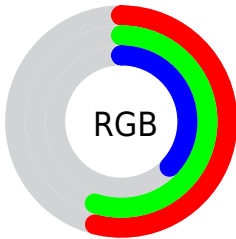
Format	Color
R_{YB}	94, 140, 96
Decimal	9079902
CIE _{Lab}	57.04, -8.40, 24.38
CIE _{LCh}	57, 25.788, 109.010
Yxy	24.9676, 0.3581, 0.4086
Android (android.graphics.Color)	4287269982 (0xFF8A8C5E)
YUV	134.1580, -19.7979, 3.3694
Hunter-Lab	49.9676, -9.2746, 18.0618

Details

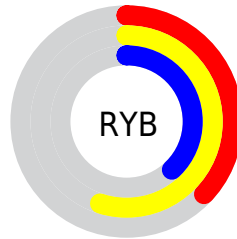
The Yxy color $24.9676, 0.3581, 0.4086$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $12.3852, 0.2586, 0.2362$, and the grayscale version is $23.9732, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.3907, 0.3489, 0.3905$, and $9.5438, 0.3724, 0.4388$ is the 20% darker color. If you saturate the color by 10%, you get $24.6884, 0.3712, 0.4321$, and if you desaturate by 10%, it is $25.2949, 0.3443, 0.3842$.

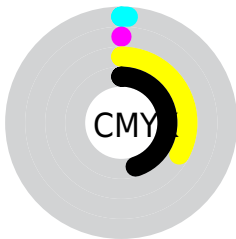
Distribution



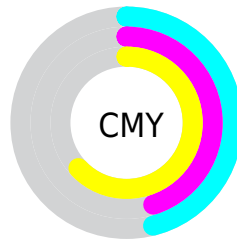
- Red (54%)
- Green (55%)
- Blue (37%)



- Red (37%)
- Yellow (55%)
- Blue (38%)



- Cyan (1%)
- Magenta (0%)
- Yellow (33%)
- Black (45%)





- Cyan (46%)
- Magenta (45%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9676, 0.3581, 0.4086 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 24.9676, 0.3581, 0.4086 by changing the saturation by 10% instead.


 24.9676, 0.3581,
0.4086


 24.9676, 0.3581,
0.4086


277.6766, 0.3338,
0.3641


 16.0529, 0.3645,
0.4214


 51.6047, 0.3490,
0.3912

 9.5616, 0.3727,
0.4388


 70.0958, 0.3456,
0.3851

 5.1093, 0.3835,
0.4637

 92.5479, 0.3428,
0.3800

 2.3115, 0.4075,
0.5146

 119.3454, 0.3405,
0.3758

 0.7798, 0.4074,
0.5926

150.8726, 0.3385,
0.3722

 0.0000, 0.0000,
0.0000

187.5139, 0.3367,

0.3691

229.6538, 0.3352,
0.3665

■ 24.9676, 0.3581,
0.4086

■ 24.9676, 0.3581,
0.4086

■ 24.6884, 0.3712,
0.4321

■ 25.2949, 0.3443,
0.3842

■ 24.4515, 0.3832,
0.4538

■ 25.6692, 0.3303,
0.3597

■ 24.2554, 0.3934,
0.4727


■ 26.0938, 0.3166,
0.3357


■ 24.0969, 0.4015,
0.4882


■ 26.5708, 0.3033,
0.3127

■ 23.9727, 0.4072,
0.4998

■ 27.1018, 0.2908,
0.2911


 23.8788, 0.4105,
0.5072

 27.6889, 0.2790,
0.2710

 23.8214, 0.4120,
0.5111

 28.3337, 0.2682,
0.2526

 29.0378, 0.2583,
0.2357

 29.8027, 0.2493,
0.2204

Harmonies

Analogous

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



24.9676, 0.3903, 0.3920



24.9676, 0.3581, 0.4086



24.9676, 0.3150, 0.4014

Triad

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



24.9676, 0.3581, 0.4086



24.9676, 0.2314, 0.2873



24.9676, 0.3505, 0.2924

Complementary

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



24.9676, 0.3581, 0.4086



12.3852, 0.2586, 0.2362

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.



24.9676, 0.3053, 0.2683



24.9676, 0.3581, 0.4086



24.9676, 0.2390, 0.2637

Square

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



24.9676, 0.3581, 0.4086



24.9676, 0.2433, 0.3260



24.9676, 0.2651, 0.2577



24.9676, 0.3867, 0.3253

Rectangle

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



24.9676, 0.3581, 0.4086



24.9676, 0.2863, 0.3824



24.9676, 0.2651, 0.2577



24.9676, 0.3357, 0.2831

Sweetspot

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



24.9687, 0.3581, 0.4086



45.4462, 0.3267, 0.3532



14.6648, 0.3844, 0.3320



10.4512, 0.3284, 0.3563



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



24.9687, 0.3581, 0.4086



43.6693, 0.3673, 0.4251



23.2406, 0.3317, 0.4160



5.8342, 0.3252, 0.3507



21.1690, 0.4120, 0.5110



0.1422, 0.4159, 0.5079

Inverse Universe

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



12.3852, 0.2586, 0.2362



18.1282, 0.2449, 0.2130



13.7883, 0.2872, 0.2433



4.9019, 0.2997, 0.3065



1.7193, 0.1520, 0.0611



0.0126, 0.1611, 0.0661

Previews

White Background



This preview shows how the Yxy color 24.9676, 0.3581, 0.4086 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 24.9676, 0.3581, 0.4086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

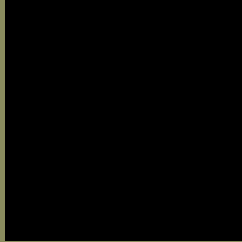
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

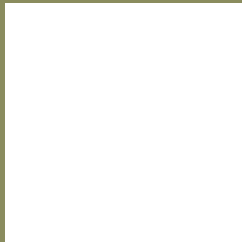
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.9676, 0.3581, 0.4086

Background



This preview shows how black text looks on a background with the Yxy color 24.9676, 0.3581, 0.4086.



This preview shows how white text looks on a background with the Yxy color 24.9676, 0.3581, 0.4086.

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

24.9676, 0.3581, 0.4086

Protanopia

24.9775, 0.3727, 0.4024

Deuteranopia

24.8637, 0.3914, 0.3841



Tritanopia

24.9931, 0.3135, 0.3126

Trichromacy



Original Color

24.9676, 0.3581, 0.4086

Protanomaly

24.8966, 0.3673, 0.4053

Deuteranomaly

24.7464, 0.3796, 0.3928

Tritanomaly

24.8655, 0.3301, 0.3459

Monochromacy



Original Color

24.9676, 0.3581, 0.4086

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.0911, 0.3295, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9676, 0.3581, 0.4086 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(138, 140, 94)` looks like.

```
.text, #text, p{  
    color:rgb(138, 140, 94)  
}
```

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(138, 140, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 140, 94) }
```

Border

The CSS property to change the border of an element to Yxy 24.9676, 0.3581, 0.4086 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(138, 140, 94) }
```

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

```
.border{ border-color:rgb(138, 140, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 140, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 140, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 140, 94);  
box-shadow:4px 4px 4px 4px rgb(138, 140,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9676, 0.3581, 0.4086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 140, 94) }
```

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

```
.background{ background-color: rgb(138,  
140, 94) }
```

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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