

Converting Colors

$Y_{xy}(24.6962, 0.3380, 0.4190)$

Have a look what the booklet for
Yxy(24.6962, 0.3380, 0.4190)
contains.

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Color

Yxy(24.5906, 0.3382, 0.4186)

Conversions

Conversions Part 1

Format	Color
Hex	7A8F5E
RGB	122, 143, 94
RGB Percent	48%, 56%, 37%
CMY	0.5216, 0.4392, 0.6314
CMYK	0.15, 0.00, 0.34, 0.44
HSL	86°, 21%, 46%
HSV	86°, 34%, 56%
XYZ	19.8675, 24.5906, 14.2868
YIQ	131.1350, 3.2130, -19.6910

Conversions

Conversions Part 2

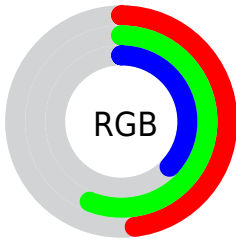
Format	Color
R_{YB}	94, 143, 115
Decimal	8032094
CIE _{Lab}	56.67, -16.51, 23.67
CIE _{LCh}	57, 28.862, 124.902
Yxy	24.5906, 0.3382, 0.4186
Android (android.graphics.Color)	4286222174 (0xFF7A8F5E)
YUV	131.1350, -18.3076, -8.0114
Hunter-Lab	49.5889, -15.2656, 17.6306

Details

The Yxy color $24.5906, 0.3382, 0.4186$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.6327, 0.2791, 0.2373$, and the grayscale version is $22.8132, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.0908, 0.3334, 0.3984$, and $9.4117, 0.3439, 0.4559$ is the 20% darker color. If you saturate the color by 10%, you get $23.9248, 0.3445, 0.4468$, and if you desaturate by 10%, it is $25.3344, 0.3311, 0.3908$.

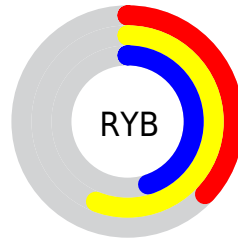
Distribution



Red (48%)

Green (56%)

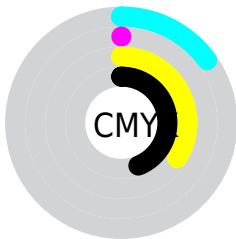
Blue (37%)



Red (37%)

Yellow (56%)

Blue (45%)

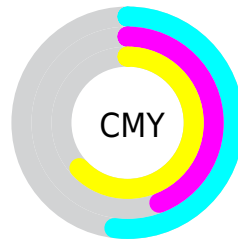


Cyan (15%)

Magenta (0%)

Yellow (34%)

Black (44%)



Cyan (52%)

Magenta (44%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.5906, 0.3382, 0.4186 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 24.5906, 0.3382, 0.4186 by changing the saturation by 10% instead.


 24.5906, 0.3382,
0.4186


 24.5906, 0.3382,
0.4186


275.7929, 0.3252,
0.3676


 15.7723, 0.3412,
0.4338


 50.9923, 0.3336,
0.3983

 9.3632, 0.3448,
0.4550


 69.3444, 0.3318,
0.3913

 4.9788, 0.3485,
0.4863

 91.6434, 0.3303,
0.3855

 2.2348, 0.3607,
0.5517

 118.2734, 0.3290,
0.3807

 0.7389, 0.2882,
0.7118

149.6190, 0.3279,
0.3766

 0.0000, 0.0000,
0.0000

186.0645, 0.3269,

0.3732

227.9944, 0.3260,
0.3702

■ 24.5906, 0.3382,
0.4186

■ 24.5906, 0.3382,
0.4186

■ 23.9248, 0.3445,
0.4468

■ 25.3344, 0.3311,
0.3908

■ 23.3305, 0.3495,
0.4744

■ 26.1559, 0.3236,
0.3641

■ 22.8055, 0.3528,
0.5003


■ 27.0589, 0.3160,
0.3391

■ 22.3460, 0.3542,
0.5230


■ 28.0459, 0.3084,
0.3160

■ 21.9477, 0.3533,
0.5415

■ 29.1196, 0.3011,
0.2949

 21.6055, 0.3502,
0.5551

 30.2822, 0.2942,
0.2758

 21.4268, 0.3481,
0.5618

 31.5360, 0.2876,
0.2586

 32.8832, 0.2815,
0.2432

 34.3258, 0.2758,
0.2294

Harmonies

Analogous

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



24.5906, 0.3826, 0.4122



24.5906, 0.3382, 0.4186



24.5906, 0.2891, 0.3950

Triad

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



24.5906, 0.3382, 0.4186



24.5906, 0.2240, 0.2656



24.5906, 0.3791, 0.3065

Complementary

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



24.5906, 0.3382, 0.4186



13.6327, 0.2791, 0.2373

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.



24.5906, 0.3313, 0.2741



24.5906, 0.3382, 0.4186



24.5906, 0.2435, 0.2502

Square

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



24.5906, 0.3382, 0.4186



24.5906, 0.2255, 0.3003



24.5906, 0.2815, 0.2539



24.5906, 0.4085, 0.3454

Rectangle

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



24.5906, 0.3382, 0.4186



24.5906, 0.2603, 0.3656



24.5906, 0.2815, 0.2539



24.5906, 0.3644, 0.2946

Sweetspot

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



24.5917, 0.3382, 0.4186



47.4758, 0.3205, 0.3538



18.7766, 0.3778, 0.3655



10.8412, 0.3215, 0.3569



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.



24.5917, 0.3382, 0.4186



43.1170, 0.3430, 0.4400



23.0557, 0.3122, 0.4262



6.1718, 0.3197, 0.3512



18.9561, 0.3484, 0.5615



0.1943, 0.3802, 0.5363

Inverse Universe

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



13.6327, 0.2791, 0.2373



20.4662, 0.2696, 0.2148



15.4696, 0.3110, 0.2455



5.3610, 0.3052, 0.3067



2.6515, 0.1918, 0.0830



0.0379, 0.2415, 0.1104

Previews

White Background



This preview shows how the Yxy color 24.5906, 0.3382, 0.4186 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 24.5906, 0.3382, 0.4186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

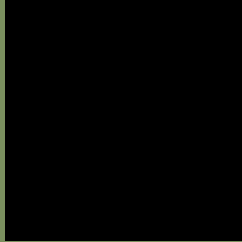
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5906, 0.3382, 0.4186

Background



This preview shows how black text looks on a background with the Yxy color 24.5906, 0.3382, 0.4186.



This preview shows how white text looks on a background with the Yxy color 24.5906, 0.3382, 0.4186.

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

24.5906, 0.3382, 0.4186

Protanopia

24.5667, 0.3742, 0.4045

Deuteranopia

24.4054, 0.3884, 0.3816



Tritanopia

24.4607, 0.2953, 0.3103

Trichromacy



Original Color

24.5906, 0.3382, 0.4186

Protanomaly

24.6412, 0.3606, 0.4105

Deuteranomaly

24.3755, 0.3693, 0.3947

Tritanomaly

24.5358, 0.3107, 0.3484

Monochromacy



Original Color

24.5906, 0.3382, 0.4186

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.2251, 0.3226, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5906, 0.3382, 0.4186 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(122, 143, 94)` looks like.

```
.text, #text, p{  
    color:rgb(122, 143, 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(122, 143, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 143, 94) }
```

Border

The CSS property to change the border of an element to Yxy 24.5906, 0.3382, 0.4186 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(122, 143, 94) }
```

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

```
.border{ border-color:rgb(122, 143, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 143, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 143, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 143, 94);  
box-shadow:4px 4px 4px 4px rgb(122, 143,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5906, 0.3382, 0.4186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 143, 94) }
```

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

```
.background{ background-color: rgb(122,  
143, 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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