

Converting Colors

$Y_{xy}(25.6394, 0.3248, 0.3865)$

Have a look what the booklet for
Yxy(25.6394, 0.3248, 0.3865)
contains.

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Color

Yxy(25.5520, 0.3249, 0.3861)

Conversions

Conversions Part 1

Format	Color
Hex	7E9070
RGB	126, 144, 112
RGB Percent	49%, 56%, 44%
CMY	0.5059, 0.4353, 0.5608
CMYK	0.13, 0.00, 0.22, 0.44
HSL	94°, 13%, 50%
HSV	94°, 22%, 56%
XYZ	21.5018, 25.5520, 19.1259
YIQ	134.9700, -0.4560, -13.7680

Conversions

Conversions Part 2

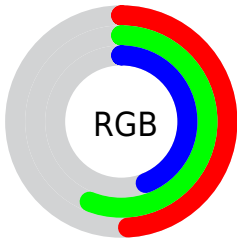
Format	Color
R_YB	112, 144, 130
Decimal	8294512
CIE Lab	57.61, -12.62, 14.90
CIE LCh	58, 19.530, 130.260
Yxy	25.5520, 0.3249, 0.3861
Android (android.graphics.Color)	4286484592 (0xFF7E9070)
YUV	134.9700, -11.3242, -7.8667
Hunter-Lab	50.5490, -12.5330, 12.9511

Details

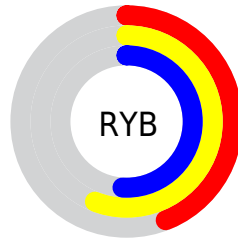
The Yxy color $25.5520, 0.3249, 0.3861$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $18.3464, 0.2979, 0.2728$, and the grayscale version is $24.2601, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.6522, 0.3225, 0.3734$, and $9.9534, 0.3289, 0.4097$ is the 20% darker color. If you saturate the color by 10%, you get $24.6666, 0.3299, 0.4148$, and if you desaturate by 10%, it is $26.5408, 0.3195, 0.3591$.

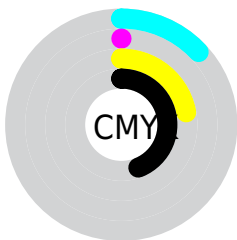
Distribution



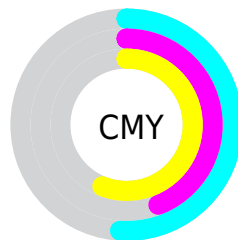
- Red (49%)
- Green (56%)
- Blue (44%)



- Red (44%)
- Yellow (56%)
- Blue (51%)



- Cyan (13%)
- Magenta (0%)
- Yellow (22%)
- Black (44%)





- Cyan (51%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5520, 0.3249, 0.3861 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 25.5520, 0.3249, 0.3861 by changing the saturation by 10% instead.


 25.5520, 0.3249,
0.3861


 25.5520, 0.3249,
0.3861


280.5759, 0.3186,
0.3539


 16.4888, 0.3264,
0.3956


 52.5513, 0.3226,
0.3734


 9.8707, 0.3284,
0.4089


 71.2562, 0.3218,
0.3689

 5.3133, 0.3308,
0.4287

 93.9438, 0.3210,
0.3653

 2.4322, 0.3333,
0.4610

 120.9985, 0.3204,
0.3623

 0.8424, 0.3690,
0.6310

152.8046, 0.3199,
0.3597

 0.0000, 0.0000,
0.0000

189.7467, 0.3194,

0.3575

232.2089, 0.3190,
0.3556

■ 25.5520, 0.3249,
0.3861

■ 25.5520, 0.3249,
0.3861

■ 24.6666, 0.3299,
0.4148

■ 26.5408, 0.3195,
0.3591

■ 23.8776, 0.3342,
0.4445

■ 27.6331, 0.3140,
0.3342

■ 23.1823, 0.3374,
0.4743

■ 28.8332, 0.3084,
0.3116

■ 22.5766, 0.3391,
0.5029

■ 30.1442, 0.3031,
0.2912

■ 22.0559, 0.3391,
0.5286

■ 31.5690, 0.2979,
0.2730

■ 21.6152, 0.3372,
0.5501

■ 33.1105, 0.2931,
0.2567

■ 21.2488, 0.3334,
0.5663

■ 34.7714, 0.2885,
0.2423

■ 21.0049, 0.3299,
0.5763

■ 36.5543, 0.2843,
0.2294

■ 38.4619, 0.2804,
0.2180

Harmonies

Analogous

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



25.5520, 0.3557, 0.3869



25.5520, 0.3249, 0.3861



25.5520, 0.2919, 0.3673

Triad

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



25.5520, 0.3249, 0.3861



25.5520, 0.2531, 0.2836



25.5520, 0.3616, 0.3189

Complementary

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



25.5520, 0.3249, 0.3861



18.3464, 0.2979, 0.2728

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.



25.5520, 0.3317, 0.2947



25.5520, 0.3249, 0.3861



25.5520, 0.2695, 0.2744

Square

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



25.5520, 0.3249, 0.3861



25.5520, 0.2516, 0.3058



25.5520, 0.2978, 0.2787



25.5520, 0.3780, 0.3465

Rectangle

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



25.5520, 0.3249, 0.3861



25.5520, 0.2731, 0.3476



25.5520, 0.2978, 0.2787



25.5520, 0.3527, 0.3102

Sweetspot

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



25.5531, 0.3249, 0.3861



47.7652, 0.3167, 0.3462



22.9583, 0.3499, 0.3593



10.9316, 0.3170, 0.3474



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.



25.5531, 0.3249, 0.3861



44.2126, 0.3276, 0.4012



24.5978, 0.3084, 0.3857



6.1376, 0.3178, 0.3513



18.3039, 0.3303, 0.5759



0.1877, 0.3650, 0.5483

Inverse Universe

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



18.3464, 0.2979, 0.2728



29.0380, 0.2935, 0.2582



19.4819, 0.3171, 0.2782



5.3952, 0.3072, 0.3069



3.2905, 0.2174, 0.0971



0.0445, 0.2634, 0.1225

Previews

White Background



This preview shows how the Yxy color 25.5520, 0.3249, 0.3861 looks on a white background.

Color Contrast Check

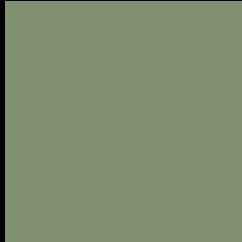
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5520, 0.3249, 0.3861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

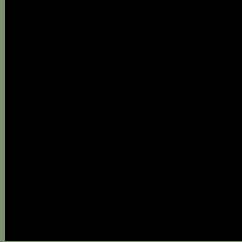
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5520, 0.3249, 0.3861

Background



This preview shows how black text looks on a background with the Yxy color 25.5520, 0.3249, 0.3861.



This preview shows how white text looks on a background with the Yxy color 25.5520, 0.3249, 0.3861.

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

25.5520, 0.3249, 0.3861

Protanopia

25.4841, 0.3538, 0.3776

Deuteranopia

25.4635, 0.3659, 0.3594



Tritanopia

25.5728, 0.2946, 0.3106

Trichromacy



Original Color

25.5520, 0.3249, 0.3861

Protanomaly

25.3709, 0.3427, 0.3806

Deuteranomaly

25.3795, 0.3510, 0.3691

Tritanomaly

25.5732, 0.3059, 0.3376

Monochromacy



Original Color

25.5520, 0.3249, 0.3861

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.6148, 0.3173, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5520, 0.3249, 0.3861 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(126, 144, 112)` looks like.

```
.text, #text, p{  
    color:rgb(126, 144, 112)  
}
```

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(126, 144, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 144, 112) }
```

Border

The CSS property to change the border of an element to Yxy 25.5520, 0.3249, 0.3861 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(126, 144, 112) }
```

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

```
.border{ border-color:rgb(126, 144, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 144, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 144, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 144, 112);  
box-shadow:4px 4px 4px 4px rgb(126, 144,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5520, 0.3249, 0.3861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 144, 112) }
```

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

```
.background{ background-color: rgb(126,  
144, 112) }
```

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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