

Converting Colors

$Y_{xy}(25.7859, 0.3498, 0.4069)$

Have a look what the booklet for
Yxy(25.7859, 0.3498, 0.4069)
contains.

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Color

Yxy(25.7610, 0.3504, 0.4070)

Conversions

Conversions Part 1

Format	Color
Hex	888F62
RGB	136, 143, 98
RGB Percent	53%, 56%, 38%
CMY	0.4667, 0.4392, 0.6157
CMYK	0.05, 0.00, 0.31, 0.44
HSL	69°, 19%, 47%
HSV	69°, 31%, 56%
XYZ	22.1785, 25.7610, 15.3553
YIQ	135.7770, 10.2730, -15.4790

Conversions

Conversions Part 2

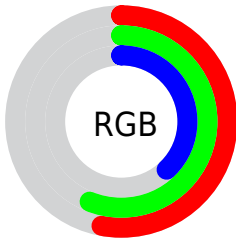
Format	Color
R_{YB}	98, 143, 105
Decimal	8949602
CIE _{Lab}	57.81, -10.32, 23.15
CIE _{LCh}	58, 25.351, 114.025
Yxy	25.7610, 0.3504, 0.4070
Android (android.graphics.Color)	4287139682 (0xFF888F62)
YUV	135.7770, -18.6241, 0.1956
Hunter-Lab	50.7553, -10.8227, 17.5913

Details

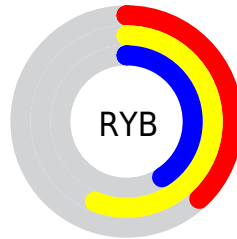
The Yxy color $25.7610, 0.3504, 0.4070$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.7201, 0.2672, 0.2419$, and the grayscale version is $24.6004, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.0496, 0.3431, 0.3904$, and $9.9990, 0.3609, 0.4369$ is the 20% darker color. If you saturate the color by 10%, you get $25.3310, 0.3617, 0.4320$, and if you desaturate by 10%, it is $26.2454, 0.3385, 0.3816$.

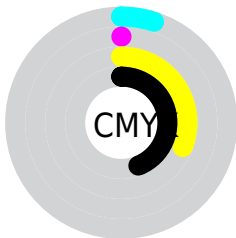
Distribution



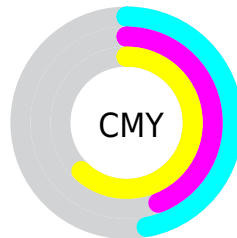
- Red (53%)
- Green (56%)
- Blue (38%)



- Red (38%)
- Yellow (56%)
- Blue (41%)



- Cyan (5%)
- Magenta (0%)
- Yellow (31%)
- Black (44%)





- Cyan (47%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7610, 0.3504, 0.4070 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 25.7610, 0.3504, 0.4070 by changing the saturation by 10% instead.


 25.7610, 0.3504,
0.4070


 25.7610, 0.3504,
0.4070


281.6069, 0.3305,
0.3634


 16.6449, 0.3556,
0.4196


 52.8891, 0.3430,
0.3899

 9.9817, 0.3622,
0.4368


 71.6700, 0.3402,
0.3839

 5.3868, 0.3707,
0.4617

 94.4412, 0.3379,
0.3790

 2.4760, 0.3859,
0.5061

 121.5872, 0.3360,
0.3748

 0.8646, 0.3972,
0.6028

153.4924, 0.3343,
0.3713

 0.0000, 0.0000,
0.0000

190.5411, 0.3329,

0.3683

233.1178, 0.3316,
0.3657

■ 25.7610, 0.3504,
0.4070

■ 25.7610, 0.3504,
0.4070

■ 25.3310, 0.3617,
0.4320

■ 26.2454, 0.3385,
0.3816

■ 24.9494, 0.3718,
0.4558

■ 26.7833, 0.3264,
0.3566

■ 24.6145, 0.3803,
0.4773

■ 27.3780, 0.3145,
0.3325


■ 24.3233, 0.3868,
0.4956


■ 28.0315, 0.3029,
0.3097

■ 24.0720, 0.3909,
0.5100

■ 28.7460, 0.2920,
0.2885


 23.8566, 0.3925,
0.5201

 29.5233, 0.2817,
0.2690

 23.6914, 0.3926,
0.5265

 30.3652, 0.2722,
0.2512

 31.2735, 0.2634,
0.2350

 32.2499, 0.2554,
0.2204

Harmonies

Analogous

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



25.7610, 0.3842, 0.3944



25.7610, 0.3504, 0.4070



25.7610, 0.3079, 0.3956

Triad

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



25.7610, 0.3504, 0.4070



25.7610, 0.2333, 0.2834



25.7610, 0.3564, 0.2983

Complementary

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



25.7610, 0.3504, 0.4070



13.7201, 0.2672, 0.2419

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.



25.7610, 0.3129, 0.2729



25.7610, 0.3504, 0.4070



25.7610, 0.2440, 0.2632

Square

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



25.7610, 0.3504, 0.4070



25.7610, 0.2418, 0.3191



25.7610, 0.2721, 0.2602



25.7610, 0.3888, 0.3313

Rectangle

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



25.7610, 0.3504, 0.4070



25.7610, 0.2805, 0.3749



25.7610, 0.2721, 0.2602



25.7610, 0.3424, 0.2887

Sweetspot

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



25.7621, 0.3504, 0.4070



48.1939, 0.3236, 0.3509



16.7724, 0.3776, 0.3413



11.0206, 0.3252, 0.3542



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.



25.7621, 0.3504, 0.4070



45.5564, 0.3587, 0.4254



24.0892, 0.3252, 0.4137



6.2434, 0.3236, 0.3509



20.9525, 0.3928, 0.5263



0.2077, 0.4065, 0.5154

Inverse Universe

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



13.7201, 0.2672, 0.2419



20.3767, 0.2542, 0.2183



15.2478, 0.2953, 0.2486



5.2929, 0.3012, 0.3064



1.9137, 0.1580, 0.0644



0.0245, 0.1878, 0.0808

Previews

White Background



This preview shows how the Yxy color 25.7610, 0.3504, 0.4070 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 25.7610, 0.3504, 0.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

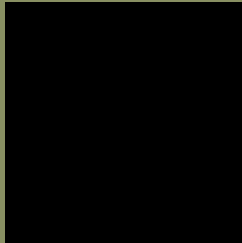
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7610, 0.3504, 0.4070

Background



This preview shows how black text looks on a background with the Yxy color 25.7610, 0.3504, 0.4070.



This preview shows how white text looks on a background with the Yxy color 25.7610, 0.3504, 0.4070.

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

25.7610, 0.3504, 0.4070

Protanopia

25.7938, 0.3709, 0.3999

Deuteranopia

25.6945, 0.3880, 0.3805



Tritanopia

25.7802, 0.3070, 0.3111

Trichromacy



Original Color

25.7610, 0.3504, 0.4070

Protanomaly

25.6390, 0.3633, 0.4013

Deuteranomaly

25.6622, 0.3736, 0.3909

Tritanomaly

25.6524, 0.3230, 0.3442

Monochromacy



Original Color

25.7610, 0.3504, 0.4070

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.1046, 0.3269, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7610, 0.3504, 0.4070 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(136, 143, 98)` looks like.

```
.text, #text, p{  
    color:rgb(136, 143, 98)  
}
```

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(136, 143, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 143, 98) }
```

Border

The CSS property to change the border of an element to Yxy 25.7610, 0.3504, 0.4070 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(136, 143, 98) }
```

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

```
.border{ border-color:rgb(136, 143, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 143, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 143, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 143, 98);  
box-shadow:4px 4px 4px 4px rgb(136, 143,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7610, 0.3504, 0.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 143, 98) }
```

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

```
.background{ background-color: rgb(136,  
143, 98) }
```

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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