

Converting Colors

$Y_{xy}(25.6205, 0.3268, 0.3882)$

Have a look what the booklet for
Yxy(25.6205, 0.3268, 0.3882)
contains.

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Color

Yxy(25.6062, 0.3270, 0.3877)

Conversions

Conversions Part 1

Format	Color
Hex	7F906F
RGB	127, 144, 111
RGB Percent	50%, 56%, 44%
CMY	0.5019, 0.4353, 0.5647
CMYK	0.12, 0.00, 0.23, 0.44
HSL	91°, 13%, 50%
HSV	91°, 23%, 56%
XYZ	21.5972, 25.6062, 18.8430
YIQ	135.1550, 0.4610, -13.8670

Conversions

Conversions Part 2

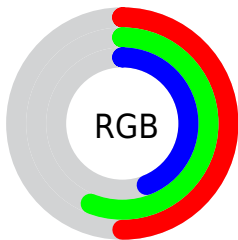
Format	Color
R_{YB}	111, 144, 128
Decimal	8360047
CIE _{Lab}	57.66, -12.40, 15.55
CIE _{LCh}	58, 19.885, 128.563
Yxy	25.6062, 0.3270, 0.3877
Android (android.graphics.Color)	4286550127 (0xFF7F906F)
YUV	135.1550, -11.9084, -7.1519
Hunter-Lab	50.6026, -12.3707, 13.3438

Details

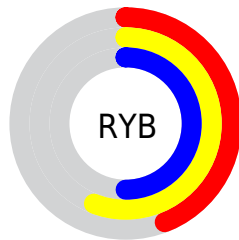
The Yxy color $25.6062, 0.3270, 0.3877$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $17.9701, 0.2954, 0.2706$, and the grayscale version is $24.3357, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.7358, 0.3241, 0.3746$, and $9.9840, 0.3319, 0.4120$ is the 20% darker color. If you saturate the color by 10%, you get $24.7670, 0.3327, 0.4161$, and if you desaturate by 10%, it is $26.5406, 0.3208, 0.3608$.

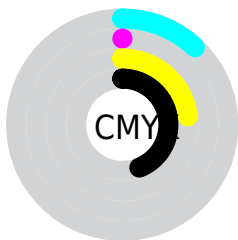
Distribution



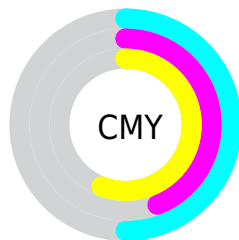
- Red (50%)
- Green (56%)
- Blue (44%)



- Red (44%)
- Yellow (56%)
- Blue (50%)



- Cyan (12%)
- Magenta (0%)
- Yellow (23%)
- Black (44%)





- Cyan (50%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6062, 0.3270, 0.3877 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 25.6062, 0.3270, 0.3877 by changing the saturation by 10% instead.


 25.6062, 0.3270,
0.3877


 25.6062, 0.3270,
0.3877


280.8436, 0.3196,
0.3546

 16.5293, 0.3289,
0.3975


 52.6390, 0.3243,
0.3746


 9.8994, 0.3312,
0.4111


 71.3636, 0.3233,
0.3701

 5.3323, 0.3341,
0.4313

 94.0729, 0.3224,
0.3663

 2.4435, 0.3375,
0.4642

 121.1513, 0.3217,
0.3632

 0.8482, 0.3725,
0.6275

152.9832, 0.3211,
0.3606

 0.0000, 0.0000,
0.0000

189.9529, 0.3205,

0.3583

232.4449, 0.3200,
0.3563

■ 25.6062, 0.3270,
0.3877

■ 25.6062, 0.3270,
0.3877

■ 24.7670, 0.3327,
0.4161

■ 26.5406, 0.3208,
0.3608

■ 24.0164, 0.3377,
0.4454

■ 27.5700, 0.3145,
0.3359

■ 23.3518, 0.3416,
0.4744

■ 28.6985, 0.3083,
0.3131

■ 22.7694, 0.3439,
0.5020

■ 29.9290, 0.3022,
0.2924

■ 22.2650, 0.3443,
0.5267

■ 31.2641, 0.2965,
0.2739

■ 21.8339, 0.3427,
0.5472

■ 32.7066, 0.2910,
0.2573

■ 21.4707, 0.3391,
0.5625

■ 34.2588, 0.2859,
0.2425

■ 21.2448, 0.3360,
0.5714

■ 35.9233, 0.2811,
0.2293

■ 37.7023, 0.2767,
0.2175

Harmonies

Analogous

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



25.6062, 0.3580, 0.3874



25.6062, 0.3270, 0.3877



25.6062, 0.2933, 0.3695

Triad

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



25.6062, 0.3270, 0.3877



25.6062, 0.2516, 0.2837



25.6062, 0.3610, 0.3172

Complementary

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



25.6062, 0.3270, 0.3877



17.9701, 0.2954, 0.2706

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.



25.6062, 0.3301, 0.2930



25.6062, 0.3270, 0.3877



25.6062, 0.2674, 0.2737

Square

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



25.6062, 0.3270, 0.3877



25.6062, 0.2510, 0.3070



25.6062, 0.2957, 0.2773



25.6062, 0.3787, 0.3452

Rectangle

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



25.6062, 0.3270, 0.3877



25.6062, 0.2738, 0.3498



25.6062, 0.2957, 0.2773



25.6062, 0.3517, 0.3084

Sweetspot

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



25.6073, 0.3270, 0.3877



47.8397, 0.3172, 0.3462



22.3849, 0.3518, 0.3575



10.9498, 0.3175, 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.



25.6073, 0.3270, 0.3877



44.4592, 0.3297, 0.4007



24.4732, 0.3098, 0.3909



6.1498, 0.3185, 0.3512



18.5148, 0.3364, 0.5711



0.1900, 0.3707, 0.5439

Inverse Universe

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



17.9701, 0.2954, 0.2706



28.7838, 0.2912, 0.2577



19.3118, 0.3153, 0.2740



5.3828, 0.3065, 0.3068



3.0383, 0.2076, 0.0917



0.0422, 0.2559, 0.1183

Previews

White Background



This preview shows how the Yxy color 25.6062, 0.3270, 0.3877 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 25.6062, 0.3270, 0.3877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

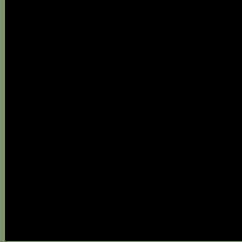
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6062, 0.3270, 0.3877

Background



This preview shows how black text looks on a background with the Yxy color 25.6062, 0.3270, 0.3877.



This preview shows how white text looks on a background with the Yxy color 25.6062, 0.3270, 0.3877.

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

25.6062, 0.3270, 0.3877

Protanopia

25.4627, 0.3549, 0.3793

Deuteranopia

25.4409, 0.3670, 0.3610



Tritanopia

25.6538, 0.2956, 0.3106

Trichromacy



Original Color

25.6062, 0.3270, 0.3877

Protanomaly

25.4357, 0.3449, 0.3822

Deuteranomaly

25.3571, 0.3521, 0.3707

Tritanomaly

25.6526, 0.3070, 0.3376

Monochromacy



Original Color

25.6062, 0.3270, 0.3877

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.5888, 0.3184, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6062, 0.3270, 0.3877 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(127, 144, 111)` looks like.

```
.text, #text, p{  
    color:rgb(127, 144, 111)  
}
```

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(127, 144, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 144, 111) }
```

Border

The CSS property to change the border of an element to Yxy 25.6062, 0.3270, 0.3877 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(127, 144, 111) }
```

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

```
.border{ border-color:rgb(127, 144, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 144, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 144, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 144, 111);  
box-shadow:4px 4px 4px 4px rgb(127, 144,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6062, 0.3270, 0.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 144, 111) }
```

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

```
.background{ background-color: rgb(127,  
144, 111) }
```

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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