

Converting Colors

$Y_{xy}(25.5914, 0.3238, 0.4017)$

Have a look what the booklet for
Yxy(25.5914, 0.3238, 0.4017)
contains.

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Color

$\text{Yxy}(25.5914, 0.3238, 0.4017)$

Conversions

Conversions Part 1

Format	Color
Hex	78926A
RGB	120, 146, 106
RGB Percent	47%, 57%, 42%
CMY	0.5293, 0.4275, 0.5843
CMYK	0.18, 0.00, 0.27, 0.43
HSL	99°, 16%, 49%
HSV	99°, 27%, 57%
XYZ	20.6286, 25.5914, 17.4878
YIQ	133.6660, -2.6560, -17.9520

Conversions

Conversions Part 2

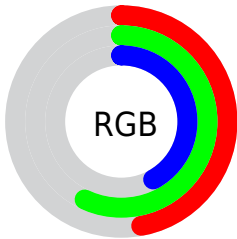
Format	Color
R_{YB}	106, 146, 132
Decimal	7901802
CIE _{Lab}	57.65, -16.97, 18.26
CIE _{LCh}	58, 24.928, 132.891
Y _{xy}	25.5914, 0.3238, 0.4017
Android (android.graphics.Color)	4286091882 (0xFF78926A)
YUV	133.6660, -13.6393, -11.9851
Hunter-Lab	50.5879, -15.7408, 14.9156

Details

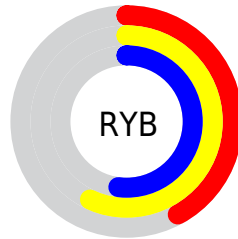
The Yxy color $25.5914, 0.3238, 0.4017$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.2868, 0.2980, 0.2595$, and the grayscale version is $23.7649, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.6614, 0.3218, 0.3846$, and $9.8295, 0.3271, 0.4313$ is the 20% darker color. If you saturate the color by 10%, you get $24.6693, 0.3271, 0.4319$, and if you desaturate by 10%, it is $26.6345, 0.3200, 0.3732$.

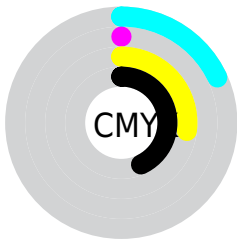
Distribution



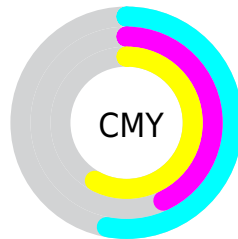
- Red (47%)
- Green (57%)
- Blue (42%)



- Red (42%)
- Yellow (57%)
- Blue (52%)



- Cyan (18%)
- Magenta (0%)
- Yellow (27%)
- Black (43%)




- Cyan (53%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5914, 0.3238, 0.4017 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 25.5914, 0.3238, 0.4017 by changing the saturation by 10% instead.


 25.5914, 0.3238,
0.4017


 25.5914, 0.3238,
0.4017


280.7705, 0.3185,
0.3605


 16.5182, 0.3249,
0.4140


 52.6150, 0.3220,
0.3853


 9.8916, 0.3261,
0.4312


 71.3343, 0.3213,
0.3796

 5.3271, 0.3270,
0.4569

 94.0377, 0.3206,
0.3750

 2.4405, 0.3267,
0.4993

 121.1096, 0.3201,
0.3711

 0.8466, 0.3157,
0.6843

152.9344, 0.3196,
0.3678

 0.0000, 0.0000,
0.0000

189.8966, 0.3192,

0.3650

232.3805, 0.3188,
0.3626

■ 25.5914, 0.3238,
0.4017

■ 25.5914, 0.3238,
0.4017

■ 24.6693, 0.3271,
0.4319

■ 26.6345, 0.3200,
0.3732

■ 23.8604, 0.3295,
0.4629

■ 27.7997, 0.3158,
0.3469

■ 23.1610, 0.3309,
0.4936

■ 29.0921, 0.3116,
0.3230

■ 22.5656, 0.3307,
0.5222

■ 30.5156, 0.3074,
0.3016

■ 22.0686, 0.3290,
0.5471

■ 32.0738, 0.3033,
0.2825

■ 21.6635, 0.3257,
0.5667

■ 33.7704, 0.2995,
0.2656

■ 21.3403, 0.3212,
0.5807

■ 35.6088, 0.2958,
0.2506

■ 21.2659, 0.3201,
0.5841

■ 37.5921, 0.2923,
0.2374

■ 39.7237, 0.2891,
0.2257

Harmonies

Analogous

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



25.5914, 0.3639, 0.4037



25.5914, 0.3238, 0.4017



25.5914, 0.2824, 0.3755

Triad

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



25.5914, 0.3238, 0.4017



25.5914, 0.2388, 0.2695



25.5914, 0.3779, 0.3187

Complementary

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



25.5914, 0.3238, 0.4017



17.2868, 0.2980, 0.2595

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.



25.5914, 0.3404, 0.2882



25.5914, 0.3238, 0.4017



25.5914, 0.2606, 0.2602

Square

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



25.5914, 0.3238, 0.4017



25.5914, 0.2353, 0.2957



25.5914, 0.2971, 0.2673



25.5914, 0.3969, 0.3531

Rectangle

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



25.5914, 0.3238, 0.4017



25.5914, 0.2596, 0.3490



25.5914, 0.2971, 0.2673



25.5914, 0.3669, 0.3078

Sweetspot

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



25.5925, 0.3238, 0.4017



48.8783, 0.3162, 0.3488



23.4733, 0.3586, 0.3722



10.8079, 0.3167, 0.3523



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.



25.5925, 0.3238, 0.4017



44.1042, 0.3259, 0.4205



24.7763, 0.3043, 0.3945



6.5614, 0.3166, 0.3515



18.7263, 0.3204, 0.5838



0.2445, 0.3542, 0.5570

Inverse Universe

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



17.2868, 0.2980, 0.2595



26.8936, 0.2937, 0.2425



18.3320, 0.3224, 0.2713



5.8085, 0.3085, 0.3068



3.9709, 0.2363, 0.1075



0.0651, 0.2765, 0.1297

Previews

White Background



This preview shows how the Yxy color 25.5914, 0.3238, 0.4017 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 25.5914, 0.3238, 0.4017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

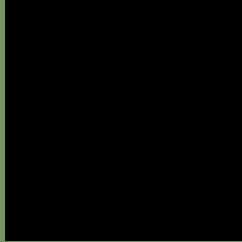
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5914, 0.3238, 0.4017

Background



This preview shows how black text looks on a background with the Yxy color 25.5914, 0.3238, 0.4017.



This preview shows how white text looks on a background with the Yxy color 25.5914, 0.3238, 0.4017.

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

25.5914, 0.3238, 0.4017

Protanopia

25.4322, 0.3626, 0.3891

Deuteranopia

25.4563, 0.3728, 0.3672



Tritanopia

25.5026, 0.2886, 0.3104

Trichromacy



Original Color

25.5914, 0.3238, 0.4017

Protanomaly

25.4323, 0.3484, 0.3946

Deuteranomaly

25.3707, 0.3537, 0.3795

Tritanomaly

25.3804, 0.3006, 0.3412

Monochromacy



Original Color

25.5914, 0.3238, 0.4017

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.2993, 0.3171, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5914, 0.3238, 0.4017 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(120, 146, 106)` looks like.

```
.text, #text, p{  
    color:rgb(120, 146, 106)  
}
```

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(120, 146, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 146, 106) }
```

Border

The CSS property to change the border of an element to Yxy 25.5914, 0.3238, 0.4017 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(120, 146, 106) }
```

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

```
.border{ border-color:rgb(120, 146, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 146, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 146, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 146, 106);  
box-shadow:4px 4px 4px 4px rgb(120, 146,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5914, 0.3238, 0.4017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 146, 106) }
```

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

```
.background{ background-color: rgb(120,  
146, 106) }
```

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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