

Converting Colors

$Y_{xy}(25.3410, 0.3140, 0.3997)$

Have a look what the booklet for
Yxy(25.3410, 0.3140, 0.3997)
contains.

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Color

$Y_{xy}(25.4609, 0.3144, 0.4012)$

Conversions

Conversions Part 1

Format	Color
Hex	71936C
RGB	113, 147, 108
RGB Percent	44%, 58%, 42%
CMY	0.5568, 0.4235, 0.5765
CMYK	0.23, 0.00, 0.27, 0.42
HSL	112°, 15%, 50%
HSV	112°, 27%, 58%
XYZ	19.9524, 25.4609, 18.0486
YIQ	132.3880, -7.7450, -19.3370

Conversions

Conversions Part 2

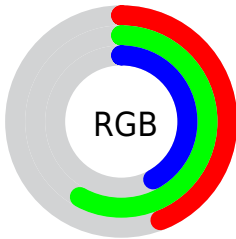
Format	Color
R_{YB}	108, 147, 142
Decimal	7443308
CIE _{Lab}	57.52, -19.75, 16.90
CIE _{LCh}	58, 25.988, 139.444
Yxy	25.4609, 0.3144, 0.4012
Android (android.graphics.Color)	4285633388 (0xFF71936C)
YUV	132.3880, -12.0233, -17.0033
Hunter-Lab	50.4588, -17.7204, 14.1138

Details

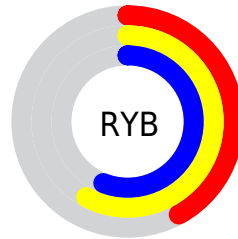
The Yxy color $25.4609, 0.3144, 0.4012$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.5790, 0.3094, 0.2639$, and the grayscale version is $23.2701, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.3107, 0.3140, 0.3842$, and $9.7820, 0.3136, 0.4312$ is the 20% darker color. If you saturate the color by 10%, you get $24.3845, 0.3145, 0.4332$, and if you desaturate by 10%, it is $26.7122, 0.3139, 0.3716$.

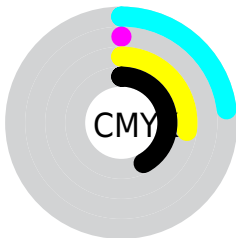
Distribution



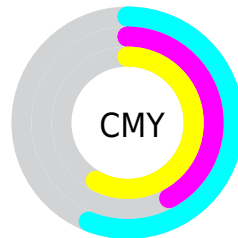
- Red (44%)
- Green (58%)
- Blue (42%)



- Red (42%)
- Yellow (58%)
- Blue (56%)



- Cyan (23%)
- Magenta (0%)
- Yellow (27%)
- Black (42%)





- Cyan (56%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4609, 0.3144, 0.4012 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 25.4609, 0.3144, 0.4012 by changing the saturation by 10% instead.


 25.4609, 0.3144,
0.4012


 25.4609, 0.3144,
0.4012


280.1255, 0.3143,
0.3601


 16.4208, 0.3140,
0.4136


 52.4040, 0.3146,
0.3848


 9.8224, 0.3132,
0.4310


 71.0757, 0.3146,
0.3791

 5.2814, 0.3113,
0.4572


 93.7267, 0.3145,
0.3745

 2.4133, 0.3062,
0.5007

 120.7415, 0.3145,
0.3706

 0.8327, 0.2709,
0.7291

152.5043, 0.3144,
0.3673

 0.0000, 0.0000,
0.0000

189.3997, 0.3144,

0.3646

231.8120, 0.3143,
0.3622

■ 25.4609, 0.3144,
0.4012

■ 25.4609, 0.3144,
0.4012

■ 24.3845, 0.3145,
0.4332

■ 26.7122, 0.3139,
0.3716

■ 23.4719, 0.3142,
0.4667

■ 28.1421, 0.3133,
0.3449

■ 22.7162, 0.3133,
0.5002

■ 29.7586, 0.3124,
0.3211

■ 22.1083, 0.3118,
0.5316

■ 31.5681, 0.3115,
0.3002

■ 21.6384, 0.3097,
0.5587

■ 33.5766, 0.3105,
0.2820

■ 21.2955, 0.3072,
0.5794

■ 35.7899, 0.3095,
0.2662

■ 21.0651, 0.3046,
0.5929

■ 38.2138, 0.3085,
0.2524

■ 21.0051, 0.3040,
0.5968

■ 40.8535, 0.3076,
0.2404

■ 43.7141, 0.3067,
0.2300

Harmonies

Analogous

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



25.4609, 0.3576, 0.4088



25.4609, 0.3144, 0.4012



25.4609, 0.2726, 0.3691

Triad

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



25.4609, 0.3144, 0.4012



25.4609, 0.2392, 0.2634



25.4609, 0.3872, 0.3258

Complementary

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



25.4609, 0.3144, 0.4012



18.5790, 0.3094, 0.2639

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.



25.4609, 0.3512, 0.2928



25.4609, 0.3144, 0.4012



25.4609, 0.2655, 0.2577

Square

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



25.4609, 0.3144, 0.4012



25.4609, 0.2312, 0.2867



25.4609, 0.3059, 0.2685



25.4609, 0.4016, 0.3615

Rectangle

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



25.4609, 0.3144, 0.4012



25.4609, 0.2510, 0.3401



25.4609, 0.3059, 0.2685



25.4609, 0.3771, 0.3142

Sweetspot

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



25.4620, 0.3144, 0.4012



49.9591, 0.3134, 0.3490



26.5717, 0.3534, 0.3852



11.3197, 0.3135, 0.3527



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.4620, 0.3144, 0.4012



44.3818, 0.3145, 0.4206



25.4675, 0.2964, 0.3746



6.5021, 0.3135, 0.3517



18.2172, 0.3043, 0.5966



0.2299, 0.3221, 0.5824

Inverse Universe

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



18.5790, 0.3094, 0.2639



29.8629, 0.3083, 0.2486



18.6122, 0.3337, 0.2874



5.8717, 0.3118, 0.3070



5.8159, 0.2893, 0.1368



0.0797, 0.3059, 0.1459

Previews

White Background



This preview shows how the Yxy color 25.4609, 0.3144, 0.4012 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 25.4609, 0.3144, 0.4012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

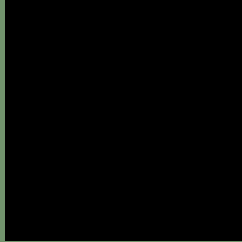
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4609, 0.3144, 0.4012

Background



This preview shows how black text looks on a background with the Yxy color 25.4609, 0.3144, 0.4012.



This preview shows how white text looks on a background with the Yxy color 25.4609, 0.3144, 0.4012.

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

25.4609, 0.3144, 0.4012

Protanopia

25.3795, 0.3592, 0.3860

Deuteranopia

25.1238, 0.3698, 0.3626



Tritanopia

25.3817, 0.2820, 0.3101

Trichromacy



Original Color

25.4609, 0.3144, 0.4012

Protanomaly

25.2206, 0.3429, 0.3919

Deuteranomaly

24.8567, 0.3484, 0.3750

Tritanomaly

25.2740, 0.2936, 0.3414

Monochromacy



Original Color

25.4609, 0.3144, 0.4012

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.6814, 0.3137, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4609, 0.3144, 0.4012 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(113, 147, 108)` looks like.

```
.text, #text, p{  
    color:rgb(113, 147, 108)  
}
```

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(113, 147, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 147, 108) }
```

Border

The CSS property to change the border of an element to Yxy 25.4609, 0.3144, 0.4012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

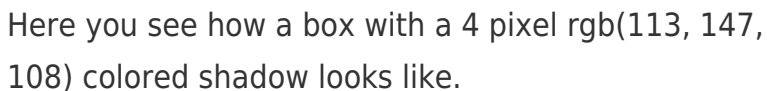
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(113, 147, 108) }
```

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

```
.border{ border-color:rgb(113, 147, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(113, 147, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 147, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 147, 108); box-shadow:4px 4px 4px 4px rgb(113, 147, 108) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4609, 0.3144, 0.4012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 147, 108) }
```

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

```
.background{ background-color: rgb(113,  
147, 108) }
```

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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