

Converting Colors

$Y_{xy}(14.3709, 0.3104, 0.4108)$

Have a look what the booklet for
Yxy(14.3709, 0.3104, 0.4108)
contains.

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Color

Yxy(14.3631, 0.3101, 0.4102)

Conversions

Conversions Part 1

Format	Color
Hex	517250
RGB	81, 114, 80
RGB Percent	32%, 45%, 31%
CMY	0.6824, 0.5529, 0.6862
CMYK	0.29, 0.00, 0.30, 0.55
HSL	118°, 18%, 38%
HSV	118°, 30%, 45%
XYZ	10.8581, 14.3631, 9.7937
YIQ	100.2570, -8.7540, -17.5700

Conversions

Conversions Part 2

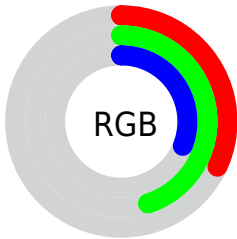
Format	Color
R_{YB}	80, 114, 113
Decimal	5337680
CIE _{Lab}	44.75, -19.24, 15.13
CIE _{LCh}	45, 24.476, 141.820
Y _{xy}	14.3631, 0.3101, 0.4102
Android (android.graphics.Color)	4283527760 (0xFF517250)
YUV	100.2570, -9.9867, -16.8884
Hunter-Lab	37.8987, -15.1818, 11.2075

Details

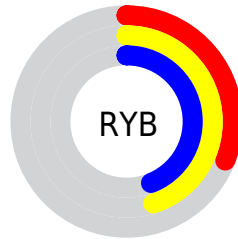
The Yxy color **14.3631, 0.3101, 0.4102** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **10.4693, 0.3144, 0.2587**, and the grayscale version is **12.8405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6827, 0.3117, 0.3894**, and **4.3579, 0.3049, 0.4565** is the 20% darker color. If you saturate the color by 10%, you get **13.7592, 0.3089, 0.4427**, and if you desaturate by 10%, it is **15.0767, 0.3111, 0.3800**.

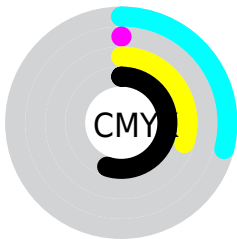
Distribution



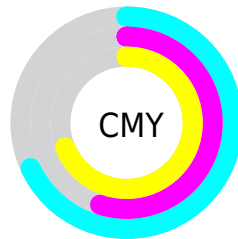
- Red (32%)
- Green (45%)
- Blue (31%)



- Red (31%)
- Yellow (45%)
- Blue (44%)



- Cyan (29%)
- Magenta (0%)
- Yellow (30%)
- Black (55%)





- Cyan (68%)
- Magenta (55%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3631, 0.3101, 0.4102 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 14.3631, 0.3101, 0.4102 by changing the saturation by 10% instead.


 14.3631, 0.3101,
0.4102


 14.3631, 0.3101,
0.4102


219.4781, 0.3126,
0.3600


 8.3736, 0.3085,
0.4279


 33.7319, 0.3115,
0.3887


 4.3349, 0.3054,
0.4551

 47.8801, 0.3119,
0.3817

 1.8626, 0.2998,
0.5050

 65.5166, 0.3121,
0.3762

 0.5258, 0.0541,
0.9459

 87.0258, 0.3123,
0.3717

 0.0000, 0.0000,
0.0000

 112.7922, 0.3124,
0.3680

143.2001, 0.3125,

0.3649

178.6340, 0.3126,
0.3623

■ 14.3631, 0.3101,
0.4102

■ 14.3631, 0.3101,
0.4102

■ 13.7592, 0.3089,
0.4427

■ 15.0767, 0.3111,
0.3800

■ 13.2577, 0.3075,
0.4765

■ 15.9032, 0.3120,
0.3527

■ 12.8537, 0.3060,
0.5099

■ 16.8477, 0.3127,
0.3286

■ 12.5408, 0.3045,
0.5406

■ 17.9146, 0.3133,
0.3074

■ 12.3118, 0.3030,
0.5663

■ 19.1081, 0.3138,
0.2890

■ 12.1588, 0.3018,
0.5851

■ 20.4322, 0.3141,
0.2730

■ 12.0583, 0.3011,
0.5989

■ 21.8906, 0.3144,
0.2592

■ 12.0564, 0.3011,
0.5992

■ 23.4871, 0.3147,
0.2473

■ 25.2250, 0.3148,
0.2370

Harmonies

Analogous

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



14.3631, 0.3595, 0.4206



14.3631, 0.3101, 0.4102



14.3631, 0.2637, 0.3712

Triad

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



14.3631, 0.3101, 0.4102



14.3631, 0.2314, 0.2534



14.3631, 0.4001, 0.3280

Complementary

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



14.3631, 0.3101, 0.4102



10.4693, 0.3144, 0.2587

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.



14.3631, 0.3602, 0.2907



14.3631, 0.3101, 0.4102



14.3631, 0.2622, 0.2490

Square

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



14.3631, 0.3101, 0.4102



14.3631, 0.2208, 0.2777



14.3631, 0.3088, 0.2626



14.3631, 0.4140, 0.3680

Rectangle

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



14.3631, 0.3101, 0.4102



14.3631, 0.2403, 0.3372



14.3631, 0.3088, 0.2626



14.3631, 0.3892, 0.3149

Sweetspot

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



14.3637, 0.3101, 0.4102



28.0342, 0.3121, 0.3513



15.9389, 0.3558, 0.3971



6.4419, 0.3120, 0.3542



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



14.3637, 0.3101, 0.4102



24.4639, 0.3093, 0.4332



14.5844, 0.2912, 0.3714



3.7673, 0.3121, 0.3506



13.4187, 0.3010, 0.5992



66.7809, 0.3004, 0.5997

Inverse Universe

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



10.4693, 0.3144, 0.2587



16.4048, 0.3148, 0.2422



10.2029, 0.3420, 0.2903



3.4489, 0.3133, 0.3082



5.0973, 0.3141, 0.1504



25.3254, 0.3138, 0.1502

Previews

White Background



This preview shows how the Yxy color 14.3631, 0.3101, 0.4102 looks on a white 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

Black Background



This preview shows how the Yxy color 14.3631, 0.3101, 0.4102 looks on a black 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

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

Yxy 14.3631, 0.3101, 0.4102

Background



This preview shows how black text looks on a background with the Yxy color 14.3631, 0.3101, 0.4102.



This preview shows how white text looks on a background with the Yxy color 14.3631, 0.3101, 0.4102.

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

14.3631, 0.3101, 0.4102

Protanopia

14.1357, 0.3640, 0.3908

Deuteranopia

14.1428, 0.3718, 0.3656



Tritanopia

14.3200, 0.2756, 0.3092

Trichromacy



Original Color

14.3631, 0.3101, 0.4102

Protanomaly

14.0276, 0.3430, 0.3986

Deuteranomaly

14.1054, 0.3477, 0.3813

Tritanomaly

14.2996, 0.2878, 0.3449

Monochromacy



Original Color

14.3631, 0.3101, 0.4102

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

13.2206, 0.3114, 0.3567

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3631, 0.3101, 0.4102 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(81, 114, 80)` looks like.

```
.text, #text, p{  
    color:rgb(81, 114, 80)  
}
```

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(81, 114, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 114, 80) }
```

Border

The CSS property to change the border of an element to Yxy 14.3631, 0.3101, 0.4102 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(81, 114, 80) }
```

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

```
.border{ border-color:rgb(81, 114, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 114, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 114, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 114, 80);  
box-shadow:4px 4px 4px 4px rgb(81, 114,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3631, 0.3101, 0.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 114, 80) }
```

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

```
.background{ background-color: rgb(81, 114,  
80) }
```

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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