

Converting Colors

$Y_{xy}(14.2815, 0.3286, 0.4209)$

Have a look what the booklet for
Yxy(14.2815, 0.3286, 0.4209)
contains.

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Color

Yxy(14.1932, 0.3292, 0.4203)

Conversions

Conversions Part 1

Format	Color
Hex	597049
RGB	89, 112, 73
RGB Percent	35%, 44%, 29%
CMY	0.6510, 0.5608, 0.7137
CMYK	0.21, 0.00, 0.35, 0.56
HSL	95°, 21%, 36%
HSV	95°, 35%, 44%
XYZ	11.1168, 14.1932, 8.4592
YIQ	100.6770, -1.1890, -17.0050

Conversions

Conversions Part 2

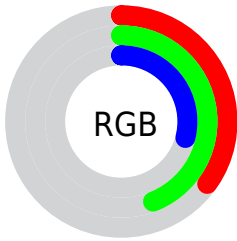
Format	Color
R_{YB}	73, 112, 96
Decimal	5861449
CIE _{Lab}	44.51, -16.29, 18.99
CIE _{LCh}	45, 25.017, 130.634
Yxy	14.1932, 0.3292, 0.4203
Android (android.graphics.Color)	4284051529 (0xFF597049)
YUV	100.6770, -13.6448, -10.2407
Hunter-Lab	37.6739, -13.2574, 13.0589

Details

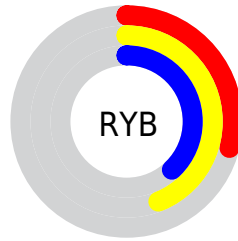
The Yxy color **14.1932, 0.3292, 0.4203** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.4245, 0.2897, 0.2408**, and the grayscale version is **12.9628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5315, 0.3264, 0.3965**, and **4.2429, 0.3331, 0.4714** is the 20% darker color. If you saturate the color by 10%, you get **13.7460, 0.3328, 0.4497**, and if you desaturate by 10%, it is **14.6978, 0.3249, 0.3918**.

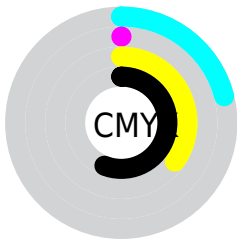
Distribution



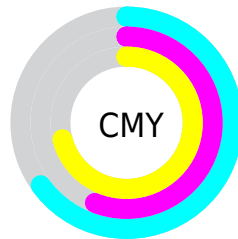
- Red (35%)
- Green (44%)
- Blue (29%)



- Red (29%)
- Yellow (44%)
- Blue (38%)



- Cyan (21%)
- Magenta (0%)
- Yellow (35%)
- Black (56%)





- Cyan (65%)
- Magenta (56%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1932, 0.3292, 0.4203 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 14.1932, 0.3292, 0.4203 by changing the saturation by 10% instead.


 14.1932, 0.3292,
0.4203

 14.1932, 0.3292,
0.4203


218.4294, 0.3205,
0.3640


 8.2552, 0.3311,
0.4399


 33.4314, 0.3261,
0.3963


 4.2587, 0.3328,
0.4697

 47.5004, 0.3249,
0.3885


 1.8193, 0.3416,
0.5345

 65.0485, 0.3239,
0.3823

 0.4991, 0.1332,
0.8668

 86.4601, 0.3230,
0.3772

 0.0000, 0.0000,
0.0000

 112.1196, 0.3222,
0.3730

142.4114, 0.3216,

0.3695

177.7199, 0.3210,
0.3665

■ 14.1932, 0.3292,
0.4203

■ 14.1932, 0.3292,
0.4203

■ 13.7460, 0.3328,
0.4497

■ 14.6978, 0.3249,
0.3918

■ 13.3520, 0.3354,
0.4791

■ 15.2599, 0.3201,
0.3650

■ 13.0096, 0.3365,
0.5071


■ 15.8823, 0.3151,
0.3402


■ 12.7162, 0.3361,
0.5323


■ 16.5666, 0.3101,
0.3175

■ 12.4689, 0.3339,
0.5533


■ 17.3146, 0.3052,
0.2971

 12.2632, 0.3302,
0.5695

 18.1282, 0.3005,
0.2787

 12.1678, 0.3283,
0.5775

 19.0088, 0.2960,
0.2624

 19.9581, 0.2918,
0.2478

 20.9776, 0.2878,
0.2348

Harmonies

Analogous

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



14.1932, 0.3774, 0.4189



14.1932, 0.3292, 0.4203



14.1932, 0.2789, 0.3900

Triad

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



14.1932, 0.3292, 0.4203



14.1932, 0.2229, 0.2584



14.1932, 0.3897, 0.3129

Complementary

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



14.1932, 0.3292, 0.4203



8.4245, 0.2897, 0.2408

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.



14.1932, 0.3422, 0.2776



14.1932, 0.3292, 0.4203



14.1932, 0.2470, 0.2465

Square

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



14.1932, 0.3292, 0.4203



14.1932, 0.2202, 0.2907



14.1932, 0.2895, 0.2539



14.1932, 0.4150, 0.3536

Rectangle

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



14.1932, 0.3292, 0.4203



14.1932, 0.2509, 0.3572



14.1932, 0.2895, 0.2539



14.1932, 0.3755, 0.3002

Sweetspot

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



14.1938, 0.3292, 0.4203



27.2909, 0.3178, 0.3534



12.2476, 0.3726, 0.3788



6.5282, 0.3184, 0.3562



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.



14.1938, 0.3292, 0.4203



24.2751, 0.3323, 0.4447



13.5313, 0.3045, 0.4181



3.8238, 0.3172, 0.3503



14.0533, 0.3278, 0.5779



69.5264, 0.3240, 0.5809

Inverse Universe

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



8.4245, 0.2897, 0.2408



12.4590, 0.2825, 0.2183



9.3106, 0.3219, 0.2537



3.3886, 0.3079, 0.3079



2.6811, 0.2243, 0.1009



12.8422, 0.2194, 0.0982

Previews

White Background



This preview shows how the Yxy color 14.1932, 0.3292, 0.4203 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 14.1932, 0.3292, 0.4203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

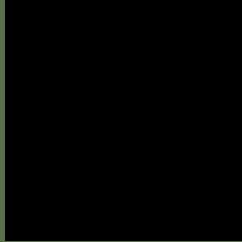
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1932, 0.3292, 0.4203

Background



This preview shows how black text looks on a background with the Yxy color 14.1932, 0.3292, 0.4203.



This preview shows how white text looks on a background with the Yxy color 14.1932, 0.3292, 0.4203.

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

14.1932, 0.3292, 0.4203

Protanopia

14.1228, 0.3737, 0.4029

Deuteranopia

14.1891, 0.3852, 0.3792



Tritanopia

14.1861, 0.2871, 0.3116

Trichromacy



Original Color

14.1932, 0.3292, 0.4203

Protanomaly

14.1833, 0.3567, 0.4104

Deuteranomaly

14.0559, 0.3638, 0.3932

Tritanomaly

14.1845, 0.3024, 0.3492

Monochromacy



Original Color

14.1932, 0.3292, 0.4203

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.3999, 0.3197, 0.3609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1932, 0.3292, 0.4203 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(89, 112, 73)` looks like.

```
.text, #text, p{  
    color:rgb(89, 112, 73)  
}
```

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(89, 112, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 112, 73) }
```

Border

The CSS property to change the border of an element to Yxy 14.1932, 0.3292, 0.4203 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(89, 112, 73) }
```

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

```
.border{ border-color:rgb(89, 112, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 112, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 112, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 112, 73);  
box-shadow:4px 4px 4px 4px rgb(89, 112,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1932, 0.3292, 0.4203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 112, 73) }
```

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

```
.background{ background-color: rgb(89, 112,  
73) }
```

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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