

Converting Colors

$Y_{xy}(14.0871, 0.3094, 0.3598)$

Have a look what the booklet for
Yxy(14.0871, 0.3094, 0.3598)
contains.

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Color

Yxy(14.1432, 0.3099, 0.3607)

Conversions

Conversions Part 1

Format	Color
Hex	5E6D5F
RGB	94, 109, 95
RGB Percent	37%, 43%, 37%
CMY	0.6313, 0.5726, 0.6274
CMYK	0.14, 0.00, 0.13, 0.57
HSL	124°, 7%, 40%
HSV	124°, 14%, 43%
XYZ	12.1513, 14.1432, 12.9159
YIQ	102.9190, -4.4460, -7.5340

Conversions

Conversions Part 2

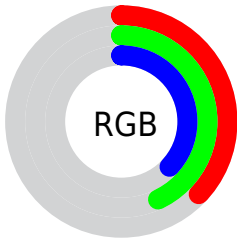
Format	Color
R_{YB}	94, 108, 109
Decimal	6188383
CIE _{Lab}	44.44, -8.62, 5.93
CIE _{LCh}	44, 10.468, 145.473
Yxy	14.1432, 0.3099, 0.3607
Android (android.graphics.Color)	4284378463 (0xFF5E6D5F)
YUV	102.9190, -3.9041, -7.8220
Hunter-Lab	37.6074, -8.1380, 5.9626

Details

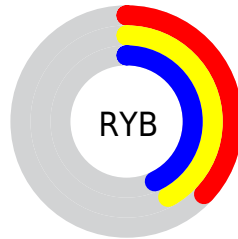
The Yxy color **14.1432, 0.3099, 0.3607** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.3421, 0.3156, 0.2992**, and the grayscale version is **13.5533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4634, 0.3106, 0.3540**, and **4.2954, 0.3082, 0.3787** is the 20% darker color. If you saturate the color by 10%, you get **13.4343, 0.3077, 0.3872**, and if you desaturate by 10%, it is **14.9589, 0.3120, 0.3371**.

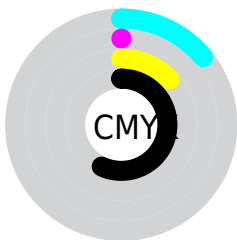
Distribution



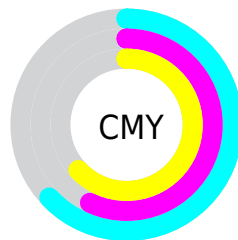
- Red (37%)
- Green (43%)
- Blue (37%)



- Red (37%)
- Yellow (42%)
- Blue (43%)



- Cyan (14%)
- Magenta (0%)
- Yellow (13%)
- Black (57%)




- Cyan (63%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1432, 0.3099, 0.3607 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 14.1432, 0.3099, 0.3607 by changing the saturation by 10% instead.


 14.1432, 0.3099,
0.3607


 14.1432, 0.3099,
0.3607


218.1199, 0.3117,
0.3414


 8.2203, 0.3092,
0.3673


 33.3429, 0.3107,
0.3526


 4.2363, 0.3080,
0.3773

 47.3885, 0.3110,
0.3499

 1.8066, 0.3058,
0.3945

 64.9105, 0.3112,
0.3478

 0.4913, 0.2955,
0.5661

 86.2933, 0.3113,
0.3460

 0.0000, 0.0000,
0.0000

111.9212, 0.3115,
0.3446

142.1787, 0.3116,

0.3434

177.4501, 0.3117,
0.3423

■ 14.1432, 0.3099,
0.3607

■ 14.1432, 0.3099,
0.3607

■ 13.4343, 0.3077,
0.3872

■ 14.9589, 0.3120,
0.3371

■ 12.8261, 0.3056,
0.4163

■ 15.8836, 0.3139,
0.3163

■ 12.3146, 0.3034,
0.4475

■ 16.9219, 0.3157,
0.2982

■ 11.8947, 0.3015,
0.4797

■ 18.0774, 0.3174,
0.2825

■ 11.5611, 0.2999,
0.5114

■ 19.3536, 0.3189,
0.2688

■ 11.3077, 0.2989,
0.5405

■ 20.7539, 0.3202,
0.2570

■ 11.1278, 0.2984,
0.5651

■ 22.2815, 0.3215,
0.2468

■ 11.0116, 0.2984,
0.5836

■ 23.9395, 0.3226,
0.2379

■ 10.9529, 0.2979,
0.5923

■ 25.7309, 0.3236,
0.2302

Harmonies

Analogous

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



14.1432, 0.3315, 0.3676



14.1432, 0.3099, 0.3607



14.1432, 0.2895, 0.3444

Triad

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



14.1432, 0.3099, 0.3607



14.1432, 0.2776, 0.2949



14.1432, 0.3512, 0.3321

Complementary

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



14.1432, 0.3099, 0.3607



12.3421, 0.3156, 0.2992

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.



14.1432, 0.3358, 0.3140



14.1432, 0.3099, 0.3607



14.1432, 0.2931, 0.2930

Square

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



14.1432, 0.3099, 0.3607



14.1432, 0.2713, 0.3059



14.1432, 0.3144, 0.3000



14.1432, 0.3559, 0.3500

Rectangle

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



14.1432, 0.3099, 0.3607



14.1432, 0.2793, 0.3308



14.1432, 0.3144, 0.3000



14.1432, 0.3471, 0.3259

Sweetspot

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



14.1438, 0.3099, 0.3607



26.7302, 0.3119, 0.3379



14.9494, 0.3309, 0.3610



6.1985, 0.3118, 0.3393



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



14.1438, 0.3099, 0.3607



24.9663, 0.3093, 0.3676



14.2820, 0.3010, 0.3440



3.4477, 0.3109, 0.3490



12.8095, 0.2980, 0.5929



65.2216, 0.2991, 0.5969

Inverse Universe

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



12.3421, 0.3156, 0.2992



21.1751, 0.3162, 0.2933



12.1939, 0.3262, 0.3145



3.1606, 0.3146, 0.3098



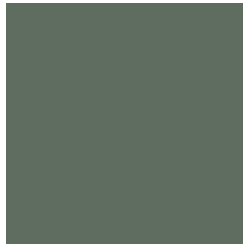
4.9193, 0.3374, 0.1633



25.0158, 0.3385, 0.1638

Previews

White Background



This preview shows how the Yxy color 14.1432, 0.3099, 0.3607 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 14.1432, 0.3099, 0.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

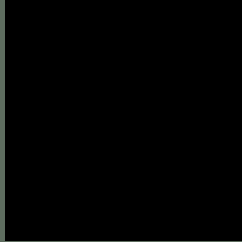
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

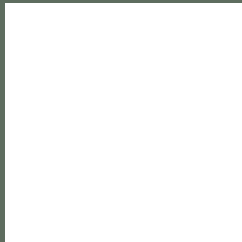
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.1432, 0.3099, 0.3607

Background



This preview shows how black text looks on a background with the Yxy color 14.1432, 0.3099, 0.3607.



This preview shows how white text looks on a background with the Yxy color 14.1432, 0.3099, 0.3607.

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

14.1432, 0.3099, 0.3607

Protanopia

14.2085, 0.3360, 0.3547

Deuteranopia

14.0220, 0.3436, 0.3373



Tritanopia

14.0873, 0.2896, 0.3095

Trichromacy



Original Color

14.1432, 0.3099, 0.3607

Protanomaly

14.0593, 0.3256, 0.3553

Deuteranomaly

13.9964, 0.3307, 0.3462

Tritanomaly

14.0849, 0.2967, 0.3268

Monochromacy



Original Color

14.1432, 0.3099, 0.3607

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.7326, 0.3122, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1432, 0.3099, 0.3607 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(94, 109, 95) looks like.

```
.text, #text, p{  
    color:rgb(94, 109, 95)  
}
```

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(94, 109, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 109, 95) }
```

Border

The CSS property to change the border of an element to Yxy 14.1432, 0.3099, 0.3607 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(94, 109, 95) }
```

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

```
.border{ border-color:rgb(94, 109, 95) }
```

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

Here you see how a box with a 4 pixel rgb(94, 109, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 109, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 109, 95);  
box-shadow:4px 4px 4px 4px rgb(94, 109,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1432, 0.3099, 0.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 109, 95) }
```

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

```
.background{ background-color: rgb(94, 109,  
95) }
```

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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