

Converting Colors

$Y_{xy}(14.1846, 0.3255, 0.3934)$

Have a look what the booklet for
Yxy(14.1846, 0.3255, 0.3934)
contains.

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Color

Yxy(14.1407, 0.3259, 0.3933)

Conversions

Conversions Part 1

Format	Color
Hex	5E6E52
RGB	94, 110, 82
RGB Percent	37%, 43%, 32%
CMY	0.6313, 0.5686, 0.6784
CMYK	0.15, 0.00, 0.25, 0.57
HSL	94°, 15%, 38%
HSV	94°, 25%, 43%
XYZ	11.7174, 14.1407, 10.0959
YIQ	102.0240, -0.5480, -12.1000

Conversions

Conversions Part 2

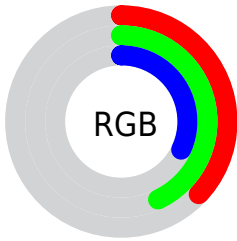
Format	Color
RYB	82, 110, 98
Decimal	6188626
CIELab	44.43, -11.64, 13.67
CIELCh	44, 17.959, 130.415
Yxy	14.1407, 0.3259, 0.3933
Android (android.graphics.Color)	4284378706 (0xFF5E6E52)
YUV	102.0240, -9.8718, -7.0370
Hunter-Lab	37.6041, -10.1868, 10.4048

Details

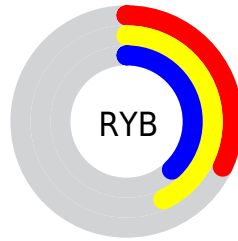
The Yxy color **14.1407, 0.3259, 0.3933** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.7567, 0.2962, 0.2660**, and the grayscale version is **13.3217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5263, 0.3229, 0.3764**, and **4.1832, 0.3295, 0.4269** is the 20% darker color. If you saturate the color by 10%, you get **13.6685, 0.3305, 0.4216**, and if you desaturate by 10%, it is **14.6679, 0.3209, 0.3665**.

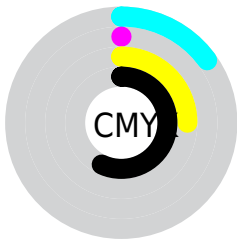
Distribution



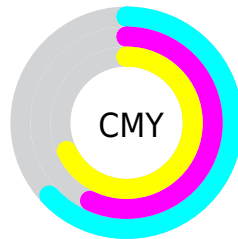
- Red (37%)
- Green (43%)
- Blue (32%)



- Red (32%)
- Yellow (43%)
- Blue (38%)



- Cyan (15%)
- Magenta (0%)
- Yellow (25%)
- Black (57%)




- Cyan (63%)
- Magenta (57%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1407, 0.3259, 0.3933 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 14.1407, 0.3259, 0.3933 by changing the saturation by 10% instead.


 14.1407, 0.3259,
0.3933


 14.1407, 0.3259,
0.3933


218.1044, 0.3186,
0.3539


 8.2186, 0.3279,
0.4069


 33.3385, 0.3231,
0.3766


 4.2351, 0.3304,
0.4277

 47.3829, 0.3221,
0.3711


 1.8059, 0.3340,
0.4644

 64.9036, 0.3212,
0.3668

 0.4909, 0.2708,
0.7292

 86.2849, 0.3205,
0.3632

 0.0000, 0.0000,
0.0000

 111.9113, 0.3199,
0.3603

142.1670, 0.3194,

0.3578

177.4366, 0.3190,
0.3557

■ 14.1407, 0.3259,
0.3933

■ 14.1407, 0.3259,
0.3933

■ 13.6685, 0.3305,
0.4216

■ 14.6679, 0.3209,
0.3665

■ 13.2477, 0.3343,
0.4508

■ 15.2501, 0.3156,
0.3416

■ 12.8767, 0.3371,
0.4798


■ 15.8897, 0.3103,
0.3189


■ 12.5534, 0.3384,
0.5073

■ 16.5883, 0.3051,
0.2983

■ 12.2754, 0.3381,
0.5320


■ 17.3475, 0.3002,
0.2798


 12.0400, 0.3360,
0.5525


 18.1687, 0.2954,
0.2633

 11.8425, 0.3324,
0.5685

 19.0534, 0.2910,
0.2485

 11.7610, 0.3308,
0.5756

 20.0030, 0.2868,
0.2354

 21.0189, 0.2829,
0.2237

Harmonies

Analogous

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



14.1407, 0.3605, 0.3939



14.1407, 0.3259, 0.3933



14.1407, 0.2891, 0.3720

Triad

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



14.1407, 0.3259, 0.3933



14.1407, 0.2464, 0.2781



14.1407, 0.3677, 0.3177

Complementary

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



14.1407, 0.3259, 0.3933



9.7567, 0.2962, 0.2660

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.



14.1407, 0.3340, 0.2910



14.1407, 0.3259, 0.3933



14.1407, 0.2646, 0.2682

Square

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



14.1407, 0.3259, 0.3933



14.1407, 0.2447, 0.3026



14.1407, 0.2961, 0.2732



14.1407, 0.3859, 0.3483

Rectangle

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



14.1407, 0.3259, 0.3933



14.1407, 0.2682, 0.3496



14.1407, 0.2961, 0.2732



14.1407, 0.3577, 0.3081

Sweetspot

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



14.1413, 0.3259, 0.3933



26.4918, 0.3171, 0.3483



12.6345, 0.3545, 0.3639



6.1355, 0.3177, 0.3513



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.



14.1413, 0.3259, 0.3933



24.2967, 0.3289, 0.4112



13.5831, 0.3073, 0.3919



3.8268, 0.3175, 0.3503



14.1132, 0.3301, 0.5761



69.8150, 0.3263, 0.5791

Inverse Universe

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



9.7567, 0.2962, 0.2660



15.0815, 0.2911, 0.2488



10.4359, 0.3184, 0.2732



3.3856, 0.3076, 0.3078



2.5947, 0.2202, 0.0986



12.4090, 0.2151, 0.0959

Previews

White Background



This preview shows how the Yxy color 14.1407, 0.3259, 0.3933 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 14.1407, 0.3259, 0.3933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

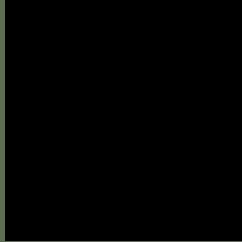
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1407, 0.3259, 0.3933

Background



This preview shows how black text looks on a background with the Yxy color 14.1407, 0.3259, 0.3933.



This preview shows how white text looks on a background with the Yxy color 14.1407, 0.3259, 0.3933.

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

14.1407, 0.3259, 0.3933

Protanopia

14.1271, 0.3569, 0.3825

Deuteranopia

14.0850, 0.3688, 0.3638



Tritanopia

14.1756, 0.2933, 0.3118

Trichromacy



Original Color

14.1407, 0.3259, 0.3933

Protanomaly

14.1127, 0.3441, 0.3864

Deuteranomaly

13.9699, 0.3533, 0.3740

Tritanomaly

14.0161, 0.3054, 0.3401

Monochromacy



Original Color

14.1407, 0.3259, 0.3933

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.5820, 0.3173, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1407, 0.3259, 0.3933 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, 110, 82) looks like.

```
.text, #text, p{  
  color:rgb(94, 110, 82)  
}
```

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, 110, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 110, 82) }
```

Border

The CSS property to change the border of an element to Yxy 14.1407, 0.3259, 0.3933 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, 110, 82) }
```

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

```
.border{ border-color:rgb(94, 110, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 110, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 110, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 110, 82);  
box-shadow:4px 4px 4px 4px rgb(94, 110,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1407, 0.3259, 0.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 110, 82) }
```

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

```
.background{ background-color: rgb(94, 110,  
82) }
```

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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