

Converting Colors

$Y_{xy}(13.9135, 0.3378, 0.3617)$

Have a look what the booklet for
Yxy(13.9135, 0.3378, 0.3617)
contains.

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Color

Yxy(14.0126, 0.3385, 0.3638)

Conversions

Conversions Part 1

Format	Color
Hex	6C6959
RGB	108, 105, 89
RGB Percent	42%, 41%, 35%
CMY	0.5765, 0.5882, 0.6510
CMYK	0.00, 0.03, 0.18, 0.58
HSL	51°, 10%, 39%
HSV	51°, 18%, 42%
XYZ	13.0381, 14.0126, 11.4666
YIQ	104.0730, 6.9240, -4.3400

Conversions

Conversions Part 2

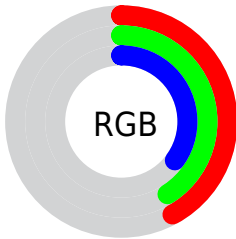
Format	Color
RYB	93, 108, 89
Decimal	7104857
CIELab	44.25, -1.84, 9.43
CIELCh	44, 9.611, 101.012
Yxy	14.0126, 0.3385, 0.3638
Android (android.graphics.Color)	4285294937 (0xFF6C6959)
YUV	104.0730, -7.4310, 3.4440
Hunter-Lab	37.4334, -3.3366, 8.0417

Details

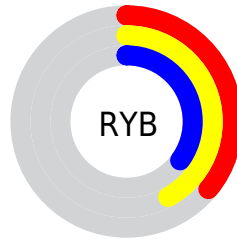
The Yxy color **14.0126, 0.3385, 0.3638** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.8565, 0.2861, 0.2916**, and the grayscale version is **13.8828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.1146, 0.3326, 0.3548**, and **4.1612, 0.3510, 0.3831** is the 20% darker color. If you saturate the color by 10%, you get **13.5025, 0.3542, 0.3842**, and if you desaturate by 10%, it is **14.5574, 0.3235, 0.3437**.

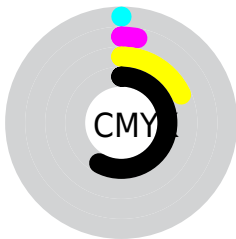
Distribution



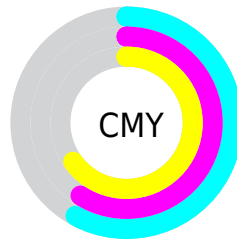
- Red (42%)
- Green (41%)
- Blue (35%)



- Red (36%)
- Yellow (42%)
- Blue (35%)



- Cyan (0%)
- Magenta (3%)
- Yellow (18%)
- Black (58%)





- Cyan (58%)
- Magenta (59%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0126, 0.3385, 0.3638 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 14.0126, 0.3385, 0.3638 by changing the saturation by 10% instead.


 14.0126, 0.3385,
0.3638


 14.0126, 0.3385,
0.3638


217.3092, 0.3231,
0.3429


 8.1294, 0.3435,
0.3708


 33.1114, 0.3321,
0.3551


 4.1779, 0.3510,
0.3812

 47.0958, 0.3300,
0.3522


 1.7736, 0.3630,
0.3985

 64.5494, 0.3283,
0.3498

 0.4706, 0.4610,
0.5390

 85.8566, 0.3269,
0.3479

 0.0000, 0.0000,
0.0000

 111.4018, 0.3257,
0.3463

141.5693, 0.3247,

0.3450

176.7437, 0.3239,
0.3439

■ 14.0126, 0.3385,
0.3638

■ 14.0126, 0.3385,
0.3638

■ 13.5025, 0.3542,
0.3842

■ 14.5574, 0.3235,
0.3437

■ 13.0242, 0.3702,
0.4044

■ 15.1363, 0.3094,
0.3244

■ 12.5768, 0.3862,
0.4238

■ 15.7509, 0.2963,
0.3062

■ 12.1592, 0.4015,
0.4414

■ 16.4022, 0.2843,
0.2890

■ 11.7697, 0.4157,
0.4565

■ 17.0912, 0.2733,
0.2731

■ 11.4067, 0.4280,
0.4683

■ 17.8188, 0.2633,
0.2585

■ 11.0682, 0.4381,
0.4761

■ 18.5859, 0.2543,
0.2451

■ 10.7486, 0.4464,
0.4810

■ 19.3934, 0.2461,
0.2328

■ 10.6729, 0.4484,
0.4822

■ 20.2420, 0.2388,
0.2215

Harmonies

Analogous

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



14.0126, 0.3503, 0.3555



14.0126, 0.3385, 0.3638



14.0126, 0.3200, 0.3624

Triad

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



14.0126, 0.3385, 0.3638



14.0126, 0.2752, 0.3152



14.0126, 0.3248, 0.3083

Complementary

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



14.0126, 0.3385, 0.3638



10.8565, 0.2861, 0.2916

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.



14.0126, 0.3045, 0.2981



14.0126, 0.3385, 0.3638



14.0126, 0.2763, 0.3015

Square

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



14.0126, 0.3385, 0.3638



14.0126, 0.2837, 0.3335



14.0126, 0.2869, 0.2955



14.0126, 0.3424, 0.3236

Rectangle

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



14.0126, 0.3385, 0.3638



14.0126, 0.3065, 0.3559



14.0126, 0.2869, 0.2955



14.0126, 0.3181, 0.3042

Sweetspot

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



14.0132, 0.3385, 0.3638



25.8053, 0.3200, 0.3389



11.1065, 0.3391, 0.3220



6.2332, 0.3207, 0.3400



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.



14.0132, 0.3385, 0.3638



24.2420, 0.3447, 0.3719



14.2497, 0.3284, 0.3712



3.5066, 0.3255, 0.3464



12.7003, 0.4487, 0.4819



63.6738, 0.4507, 0.4804

Inverse Universe

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



10.8565, 0.2861, 0.2916



17.6263, 0.2795, 0.2821



10.6762, 0.2952, 0.2857



3.0950, 0.2997, 0.3109



1.7384, 0.1550, 0.0781



7.9974, 0.1532, 0.0714

Previews

White Background



This preview shows how the Yxy color 14.0126, 0.3385, 0.3638 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 14.0126, 0.3385, 0.3638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

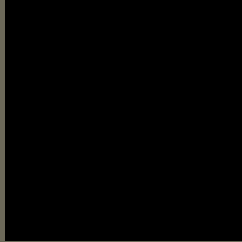
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

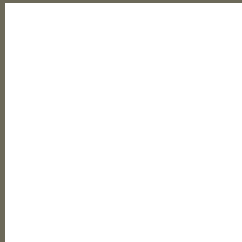
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.0126, 0.3385, 0.3638

Background



This preview shows how black text looks on a background with the Yxy color 14.0126, 0.3385, 0.3638.

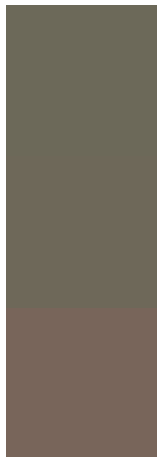


This preview shows how white text looks on a background with the Yxy color 14.0126, 0.3385, 0.3638.

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

14.0126, 0.3385, 0.3638

Protanopia

13.9369, 0.3418, 0.3614

Deuteranopia

14.0386, 0.3569, 0.3517



Tritanopia

14.0080, 0.3149, 0.3124

Trichromacy



Original Color

14.0126, 0.3385, 0.3638

Protanomaly

13.8731, 0.3403, 0.3615

Deuteranomaly

13.9539, 0.3503, 0.3542

Tritanomaly

13.9748, 0.3241, 0.3312

Monochromacy



Original Color

14.0126, 0.3385, 0.3638

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.8047, 0.3208, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0126, 0.3385, 0.3638 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(108, 105, 89)` looks like.

```
.text, #text, p{  
    color:rgb(108, 105, 89)  
}
```

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(108, 105, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 105, 89) }
```

Border

The CSS property to change the border of an element to Yxy 14.0126, 0.3385, 0.3638 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(108, 105, 89) }
```

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

```
.border{ border-color:rgb(108, 105, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 105, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 105, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 105, 89);  
box-shadow:4px 4px 4px 4px rgb(108, 105,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0126, 0.3385, 0.3638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 105, 89) }
```

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

```
.background{ background-color: rgb(108,  
105, 89) }
```

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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