

Converting Colors

$Y_{xy}(14.2764, 0.3987, 0.3665)$

Have a look what the booklet for
Yxy(14.2764, 0.3987, 0.3665)
contains.

Yxy(14.3538, 0.3985, 0.3672)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.3538, 0.3985, 0.3672)

Conversions

Conversions Part 1

Format	Color
Hex	86624E
RGB	134, 98, 78
RGB Percent	53%, 38%, 31%
CMY	0.4744, 0.6157, 0.6941
CMYK	0.00, 0.27, 0.42, 0.47
HSL	21°, 26%, 42%
HSV	21°, 42%, 53%
XYZ	15.5773, 14.3538, 9.1588
YIQ	106.4840, 27.8760, 1.4120

Conversions

Conversions Part 2

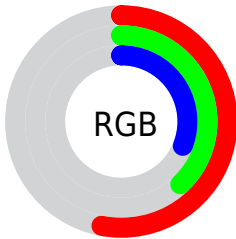
Format	Color
RYB	134, 109, 78
Decimal	8806990
CIELab	44.74, 11.83, 17.09
CIELCh	45, 20.783, 55.302
Yxy	14.3538, 0.3985, 0.3672
Android (android.graphics.Color)	4286997070 (0xFF86624E)
YUV	106.4840, -14.0426, 24.1315
Hunter-Lab	37.8864, 7.0905, 12.1876

Details

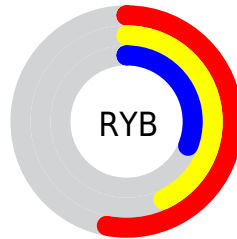
The Yxy color **14.3538, 0.3985, 0.3672** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.3853, 0.2509, 0.2866**, and the grayscale version is **14.5875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.8460, 0.3778, 0.3595**, and **4.2713, 0.4404, 0.3809** is the 20% darker color. If you saturate the color by 10%, you get **12.6542, 0.4272, 0.3759**, and if you desaturate by 10%, it is **16.2677, 0.3730, 0.3578**.

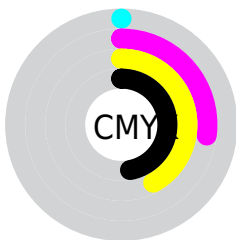
Distribution



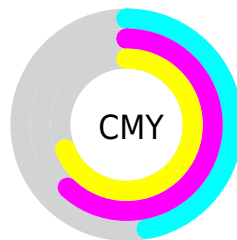
- Red (53%)
- Green (38%)
- Blue (31%)



- Red (53%)
- Yellow (43%)
- Blue (31%)



- Cyan (0%)
- Magenta (27%)
- Yellow (42%)
- Black (47%)





- Cyan (47%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3538, 0.3985, 0.3672 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 14.3538, 0.3985, 0.3672 by changing the saturation by 10% instead.


 14.3538, 0.3985,
0.3672


 14.3538, 0.3985,
0.3672


219.4209, 0.3470,
0.3459


 8.3671, 0.4153,
0.3731


 33.7155, 0.3772,
0.3590


 4.3308, 0.4399,
0.3806

 47.8593, 0.3700,
0.3560

 1.8603, 0.4834,
0.3935

 65.4910, 0.3643,
0.3536

 0.5243, 0.6002,
0.3998

 86.9949, 0.3596,
0.3515

 0.0000, 0.0000,
0.0000

 112.7554, 0.3557,
0.3498

143.1570, 0.3523,

0.3483

178.5840, 0.3495,
0.3470

■ 14.3538, 0.3985,
0.3672

■ 14.3538, 0.3985,
0.3672

■ 12.6542, 0.4272,
0.3759

■ 16.2677, 0.3730,
0.3578

■ 11.1591, 0.4587,
0.3831

■ 18.4013, 0.3508,
0.3484

■ 9.8606, 0.4919,
0.3878

■ 20.7624, 0.3317,
0.3392

■ 8.7496, 0.5246,
0.3887

■ 23.3576, 0.3154,
0.3305

■ 7.8163, 0.5544,
0.3849

■ 26.1935, 0.3014,
0.3224

■ 7.1691, 0.5770,
0.3800

■ 29.2760, 0.2894,
0.3150

■ 32.6113, 0.2792,
0.3081

■ 36.2050, 0.2704,
0.3019

■ 40.0626, 0.2628,
0.2962

Harmonies

Analogous

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



14.3538, 0.3894, 0.3328



14.3538, 0.3985, 0.3672



14.3538, 0.3829, 0.3951

Triad

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



14.3538, 0.3985, 0.3672



14.3538, 0.2671, 0.3599



14.3538, 0.2738, 0.2606

Complementary

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



14.3538, 0.3985, 0.3672



15.3853, 0.2509, 0.2866

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.



14.3538, 0.2451, 0.2629



14.3538, 0.3985, 0.3672



14.3538, 0.2413, 0.3174

Square

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



14.3538, 0.3985, 0.3672



14.3538, 0.3061, 0.3943



14.3538, 0.2337, 0.2824



14.3538, 0.3148, 0.2740

Rectangle

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



14.3538, 0.3985, 0.3672



14.3538, 0.3615, 0.4053



14.3538, 0.2337, 0.2824



14.3538, 0.2625, 0.2595

Sweetspot

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



14.3545, 0.3985, 0.3672



35.9217, 0.3344, 0.3405



11.7447, 0.3483, 0.2618



7.9078, 0.3379, 0.3423



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



14.3545, 0.3985, 0.3672



22.4836, 0.4251, 0.3754



20.4453, 0.3782, 0.4152



4.9406, 0.3271, 0.3368



6.7350, 0.5765, 0.3804



0.0362, 0.5049, 0.4373

Inverse Universe

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



15.3853, 0.2509, 0.2866



24.5299, 0.2382, 0.2753



10.0633, 0.2412, 0.2246



5.0067, 0.2992, 0.3211



7.8997, 0.1921, 0.2115



0.0412, 0.2084, 0.2702

Previews

White Background



This preview shows how the Yxy color 14.3538, 0.3985, 0.3672 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 14.3538, 0.3985, 0.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

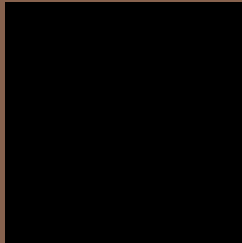
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.3538, 0.3985, 0.3672

Background



This preview shows how black text looks on a background with the Yxy color 14.3538, 0.3985, 0.3672.



This preview shows how white text looks on a background with the Yxy color 14.3538, 0.3985, 0.3672.

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

14.3538, 0.3985, 0.3672

Protanopia

14.4280, 0.3552, 0.3800

Deuteranopia

14.4742, 0.3846, 0.3788



Tritanopia

14.3780, 0.3659, 0.3161

Trichromacy



Original Color

14.3538, 0.3985, 0.3672

Protanomaly

14.3595, 0.3705, 0.3741

Deuteranomaly

14.5103, 0.3899, 0.3761

Tritanomaly

14.3070, 0.3780, 0.3349

Monochromacy



Original Color

14.3538, 0.3985, 0.3672

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.2580, 0.3414, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3538, 0.3985, 0.3672 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(134, 98, 78)` looks like.

```
.text, #text, p{  
    color:rgb(134, 98, 78)  
}
```

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(134, 98, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 98, 78) }
```

Border

The CSS property to change the border of an element to Yxy 14.3538, 0.3985, 0.3672 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(134, 98, 78) }
```

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

```
.border{ border-color:rgb(134, 98, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 98, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 98, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 98, 78);  
box-shadow:4px 4px 4px 4px rgb(134, 98,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3538, 0.3985, 0.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 98, 78) }
```

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

```
.background{ background-color: rgb(134, 98,  
78) }
```

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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