

Converting Colors

$Y_{xy}(14.4830, 0.3539, 0.3277)$

Have a look what the booklet for
Yxy(14.4830, 0.3539, 0.3277)
contains.

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Color

Yxy(14.4330, 0.3551, 0.3272)

Conversions

Conversions Part 1

Format	Color
Hex	806364
RGB	128, 99, 100
RGB Percent	50%, 39%, 39%
CMY	0.4980, 0.6117, 0.6079
CMYK	0.00, 0.23, 0.22, 0.50
HSL	358°, 13%, 45%
HSV	358°, 23%, 50%
XYZ	15.6637, 14.4330, 14.0139
YIQ	107.7850, 16.9630, 6.4590

Conversions

Conversions Part 2

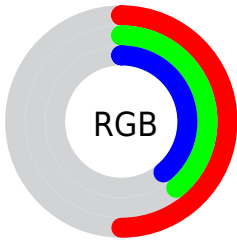
Format	Color
R_{YB}	128, 99, 100
Decimal	8414052
CIE _{Lab}	44.85, 11.85, 3.93
CIE _{LCh}	45, 12.490, 18.345
Yxy	14.4330, 0.3551, 0.3272
Android (android.graphics.Color)	4286604132 (0xFF806364)
YUV	107.7850, -3.8380, 17.7286
Hunter-Lab	37.9908, 7.1121, 4.7228

Details

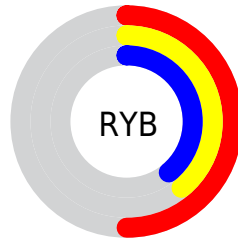
The Yxy color **14.4330, 0.3551, 0.3272** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.6239, 0.2815, 0.3309**, and the grayscale version is **14.9405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.8708, 0.3439, 0.3277**, and **4.3327, 0.3773, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **11.9759, 0.3813, 0.3264**, and if you desaturate by 10%, it is **17.3123, 0.3338, 0.3280**.

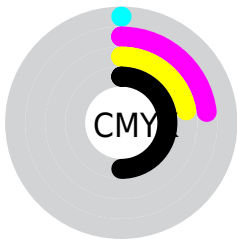
Distribution



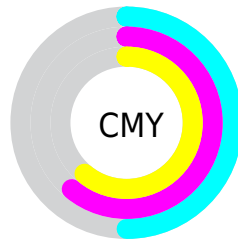
- Red (50%)
- Green (39%)
- Blue (39%)



- Red (50%)
- Yellow (39%)
- Blue (39%)



- Cyan (0%)
- Magenta (23%)
- Yellow (22%)
- Black (50%)





- Cyan (50%)
- Magenta (61%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4330, 0.3551, 0.3272 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 14.4330, 0.3551, 0.3272 by changing the saturation by 10% instead.


 14.4330, 0.3551,
0.3272


 14.4330, 0.3551,
0.3272


219.9082, 0.3297,
0.3286

 8.4224, 0.3635,
0.3266


 33.8554, 0.3445,
0.3279


 4.3664, 0.3762,
0.3255


 48.0360, 0.3410,
0.3280

 1.8806, 0.3971,
0.3233

 65.7087, 0.3382,
0.3282

 0.5367, 0.4858,
0.3261

 87.2580, 0.3358,
0.3283

 0.0000, 0.0000,
0.0000

113.0681, 0.3339,
0.3284

143.5236, 0.3323,

0.3285

179.0088, 0.3309,
0.3285

■ 14.4330, 0.3551,
0.3272

■ 14.4330, 0.3551,
0.3272

■ 11.9759, 0.3813,
0.3264

■ 17.3123, 0.3338,
0.3280

■ 9.9192, 0.4133,
0.3256

■ 20.6301, 0.3167,
0.3288

■ 8.2423, 0.4512,
0.3250


■ 24.4044, 0.3028,
0.3295


■ 6.9220, 0.4943,
0.3247


■ 28.6516, 0.2916,
0.3302

■ 5.9325, 0.5397,
0.3249


■ 33.3873, 0.2824,
0.3308


 5.2445, 0.5822,
0.3256


 38.6264, 0.2749,
0.3313

 4.8235, 0.6155,
0.3270

 44.3830, 0.2687,
0.3318

 4.5987, 0.6345,
0.3269

 50.6708, 0.2635,
0.3323

 57.5031, 0.2592,
0.3327

Harmonies

Analogous

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



14.4330, 0.3344, 0.3068



14.4330, 0.3551, 0.3272



14.4330, 0.3640, 0.3488

Triad

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



14.4330, 0.3551, 0.3272



14.4330, 0.3154, 0.3700



14.4330, 0.2685, 0.2908

Complementary

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



14.4330, 0.3551, 0.3272



19.6239, 0.2815, 0.3309

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.



14.4330, 0.2640, 0.3059



14.4330, 0.3551, 0.3272



14.4330, 0.2904, 0.3526

Square

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



14.4330, 0.3551, 0.3272



14.4330, 0.3404, 0.3748



14.4330, 0.2719, 0.3286



14.4330, 0.2844, 0.2861

Rectangle

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



14.4330, 0.3551, 0.3272



14.4330, 0.3619, 0.3614



14.4330, 0.2719, 0.3286



14.4330, 0.2656, 0.2947

Sweetspot

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



14.4337, 0.3551, 0.3272



33.5911, 0.3240, 0.3285



14.9607, 0.3132, 0.2749



7.8032, 0.3247, 0.3284



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



14.4337, 0.3551, 0.3272



23.1721, 0.3675, 0.3268



17.0901, 0.3513, 0.3542



4.3464, 0.3273, 0.3283



4.5600, 0.6345, 0.3269



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.4337, 0.3551, 0.3272



23.1721, 0.3675, 0.3268



16.4620, 0.2787, 0.3024



4.3464, 0.3273, 0.3283



4.5600, 0.6345, 0.3269



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 14.4330, 0.3551, 0.3272 looks on a white background.

Color Contrast Check

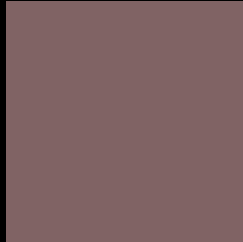
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4330, 0.3551, 0.3272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

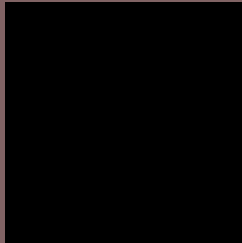
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4330, 0.3551, 0.3272

Background



This preview shows how black text looks on a background with the Yxy color 14.4330, 0.3551, 0.3272.



This preview shows how white text looks on a background with the Yxy color 14.4330, 0.3551, 0.3272.

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

14.4330, 0.3551, 0.3272

Protanopia

14.5588, 0.3195, 0.3332

Deuteranopia

14.5233, 0.3416, 0.3372



Tritanopia

14.4431, 0.3480, 0.3137

Trichromacy



Original Color

14.4330, 0.3551, 0.3272

Protanomaly

14.3928, 0.3315, 0.3291

Deuteranomaly

14.5412, 0.3464, 0.3351

Tritanomaly

14.4020, 0.3510, 0.3175

Monochromacy



Original Color

14.4330, 0.3551, 0.3272

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.7679, 0.3269, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4330, 0.3551, 0.3272 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(128, 99, 100)` looks like.

```
.text, #text, p{  
    color:rgb(128, 99, 100)  
}
```

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(128, 99, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 99, 100) }
```

Border

The CSS property to change the border of an element to Yxy 14.4330, 0.3551, 0.3272 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(128, 99, 100) }
```

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

```
.border{ border-color:rgb(128, 99, 100) }
```

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

Here you see how a box with a 4 pixel rgb(128, 99, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 99, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 99, 100);  
box-shadow:4px 4px 4px 4px rgb(128, 99,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4330, 0.3551, 0.3272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 99, 100) }
```

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

```
.background{ background-color: rgb(128, 99,  
100) }
```

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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