

Converting Colors

$Y_{xy}(14.3136, 0.4193, 0.3274)$

Have a look what the booklet for
Yxy(14.3136, 0.4193, 0.3274)
contains.

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Color

Yxy(14.2933, 0.4196, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	995758
RGB	153, 87, 88
RGB Percent	60%, 34%, 35%
CMY	0.4000, 0.6588, 0.6548
CMYK	0.00, 0.43, 0.42, 0.40
HSL	359°, 27%, 47%
HSV	359°, 43%, 60%
XYZ	18.3073, 14.2933, 11.0298
YIQ	106.8480, 39.0150, 14.3030

Conversions

Conversions Part 2

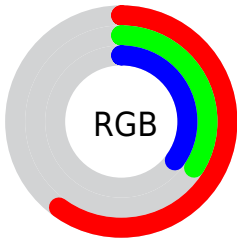
Format	Color
R_{YB}	153, 87, 88
Decimal	10049368
CIE Lab	44.65, 27.33, 11.34
CIE LCh	45, 29.590, 22.530
Yxy	14.2933, 0.4196, 0.3276
Android (android.graphics.Color)	4288239448 (0xFF995758)
YUV	106.8480, -9.2921, 40.4753
Hunter-Lab	37.8065, 20.2749, 9.1671

Details

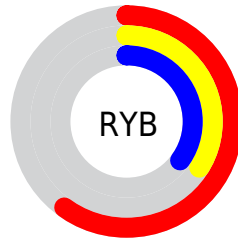
The Yxy color **14.2933, 0.4196, 0.3276** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.0760, 0.2563, 0.3307**, and the grayscale version is **14.6775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5672, 0.3920, 0.3292**, and **4.2781, 0.4719, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **11.8491, 0.4597, 0.3274**, and if you desaturate by 10%, it is **17.3156, 0.3857, 0.3279**.

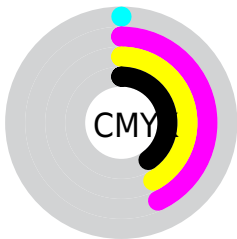
Distribution



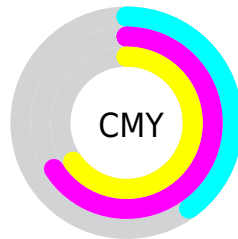
- Red (60%)
- Green (34%)
- Blue (35%)



- Red (60%)
- Yellow (34%)
- Blue (35%)



- Cyan (0%)
- Magenta (43%)
- Yellow (42%)
- Black (40%)




- Cyan (40%)
- Magenta (66%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2933, 0.4196, 0.3276 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 14.2933, 0.4196, 0.3276 by changing the saturation by 10% instead.


 14.2933, 0.4196,
0.3276

 14.2933, 0.4196,
0.3276


219.0479, 0.3552,
0.3303


 8.3249, 0.4408,
0.3256


 33.6085, 0.3928,
0.3293


 4.3036, 0.4722,
0.3216

 47.7242, 0.3839,
0.3297

 1.8448, 0.5224,
0.3127

 65.3245, 0.3767,
0.3300

 0.5149, 0.6993,
0.3007

 86.7937, 0.3708,
0.3301

 0.0000, 1.0000,
0.0000

 112.5162, 0.3660,
0.3302

 0.0000, 0.0000,
0.0000

142.8765, 0.3618,

0.3302

178.2589, 0.3583,
0.3302

■ 14.2933, 0.4196,
0.3276

■ 14.2933, 0.4196,
0.3276

■ 11.8491, 0.4597,
0.3274

■ 17.3156, 0.3857,
0.3279

■ 9.9442, 0.5047,
0.3274

■ 20.9473, 0.3580,
0.3282

■ 8.5385, 0.5512,
0.3276


■ 25.2201, 0.3356,
0.3286


■ 7.5852, 0.5930,
0.3281

■ 30.1628, 0.3176,
0.3289


■ 7.0288, 0.6232,
0.3288

■ 35.8024, 0.3031,
0.3292

 6.7776, 0.6380,
0.3288

 42.1645, 0.2914,
0.3295

 49.2733, 0.2820,
0.3298

 57.1521, 0.2742,
0.3300

 65.8230, 0.2678,
0.3302

Harmonies

Analogous

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



14.2933, 0.3714, 0.2840



14.2933, 0.4196, 0.3276



14.2933, 0.4350, 0.3748

Triad

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



14.2933, 0.4196, 0.3276



14.2933, 0.3070, 0.4284



14.2933, 0.2167, 0.2383

Complementary

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



14.2933, 0.4196, 0.3276



27.0760, 0.2563, 0.3307

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.



14.2933, 0.2037, 0.2655



14.2933, 0.4196, 0.3276



14.2933, 0.2521, 0.3791

Square

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



14.2933, 0.4196, 0.3276



14.2933, 0.3664, 0.4404



14.2933, 0.2156, 0.3159



14.2933, 0.2531, 0.2345

Rectangle

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



14.2933, 0.4196, 0.3276



14.2933, 0.4246, 0.4041



14.2933, 0.2156, 0.3159



14.2933, 0.2097, 0.2447

Sweetspot

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



14.2940, 0.4196, 0.3276



45.0663, 0.3358, 0.3286



15.7826, 0.3160, 0.2258



9.5839, 0.3401, 0.3285



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



14.2940, 0.4196, 0.3276



21.2624, 0.4592, 0.3274



20.6309, 0.3975, 0.3825



6.2241, 0.3281, 0.3287



5.6019, 0.6378, 0.3287



0.0841, 0.6266, 0.3226

Inverse Universe

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



14.2940, 0.4196, 0.3276



21.2624, 0.4592, 0.3274



18.0258, 0.2456, 0.2678



6.2241, 0.3281, 0.3287



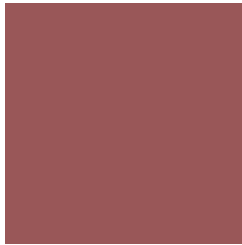
5.6019, 0.6378, 0.3287



0.0841, 0.6266, 0.3226

Previews

White Background



This preview shows how the Yxy color 14.2933, 0.4196, 0.3276 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 14.2933, 0.4196, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

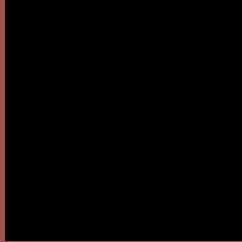
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2933, 0.4196, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 14.2933, 0.4196, 0.3276.



This preview shows how white text looks on a background with the Yxy color 14.2933, 0.4196, 0.3276.

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

14.2933, 0.4196, 0.3276

Protanopia

14.4861, 0.3303, 0.3481

Deuteranopia

14.3696, 0.3683, 0.3635



Tritanopia

14.2182, 0.4117, 0.3175

Trichromacy



Original Color

14.2933, 0.4196, 0.3276

Protanomaly

14.1675, 0.3611, 0.3391

Deuteranomaly

14.2896, 0.3869, 0.3502

Tritanomaly

14.1832, 0.4152, 0.3209

Monochromacy



Original Color

14.2933, 0.4196, 0.3276

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.3195, 0.3486, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2933, 0.4196, 0.3276 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(153, 87, 88)` looks like.

```
.text, #text, p{  
  color:rgb(153, 87, 88)  
}
```

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(153, 87, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 87, 88) }
```

Border

The CSS property to change the border of an element to Yxy 14.2933, 0.4196, 0.3276 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(153, 87, 88) }
```

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

```
.border{ border-color:rgb(153, 87, 88) }
```

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

Here you see how a box with a 4 pixel rgb(153, 87, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 87, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 87, 88);  
box-shadow:4px 4px 4px 4px rgb(153, 87,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2933, 0.4196, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 87, 88) }
```

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

```
.background{ background-color: rgb(153, 87,  
88) }
```

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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