

Converting Colors

$Y_{xy}(14.7438, 0.4379, 0.3377)$

Have a look what the booklet for
Yxy(14.7438, 0.4379, 0.3377)
contains.

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Color

Yxy(14.6947, 0.4371, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	9E5752
RGB	158, 87, 82
RGB Percent	62%, 34%, 32%
CMY	0.3804, 0.6588, 0.6785
CMYK	0.00, 0.45, 0.48, 0.38
HSL	4°, 32%, 47%
HSV	4°, 48%, 62%
XYZ	19.0313, 14.6947, 9.8139
YIQ	107.6590, 43.9210, 13.4970

Conversions

Conversions Part 2

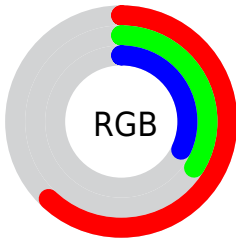
Format	Color
R_{YB}	158, 87, 82
Decimal	10377042
CIE Lab	45.21, 28.66, 15.87
CIE LCh	45, 32.763, 28.968
Yxy	14.6947, 0.4371, 0.3375
Android (android.graphics.Color)	4288567122 (0xFF9E5752)
YUV	107.6590, -12.6499, 44.1491
Hunter-Lab	38.3337, 21.5348, 11.6546

Details

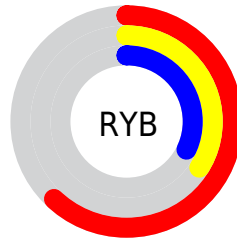
The Yxy color **14.6947, 0.4371, 0.3375** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.0388, 0.2489, 0.3199**, and the grayscale version is **14.9230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.2627, 0.4065, 0.3379**, and **4.4682, 0.4971, 0.3339** is the 20% darker color. If you saturate the color by 10%, you get **12.3316, 0.4786, 0.3388**, and if you desaturate by 10%, it is **17.6032, 0.4011, 0.3358**.

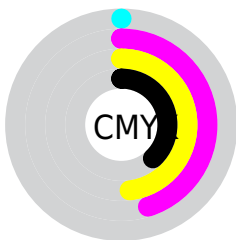
Distribution



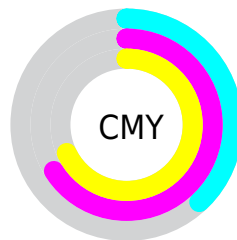
- Red (62%)
- Green (34%)
- Blue (32%)



- Red (62%)
- Yellow (34%)
- Blue (32%)



- Cyan (0%)
- Magenta (45%)
- Yellow (48%)
- Black (38%)



- Cyan (38%)
- Magenta (66%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6947, 0.4371, 0.3375 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 14.6947, 0.4371, 0.3375 by changing the saturation by 10% instead.


 14.6947, 0.4371,
0.3375


 14.6947, 0.4371,
0.3375


221.5108, 0.3625,
0.3352


 8.6054, 0.4613,
0.3365


 34.3167, 0.4063,
0.3375


 4.4847, 0.4964,
0.3335

 48.6182, 0.3959,
0.3372


 1.9482, 0.5529,
0.3259

 66.4259, 0.3875,
0.3369

 0.5771, 0.6953,
0.3047

 88.1241, 0.3807,
0.3365

 0.0000, 1.0000,
0.0000

 114.0973, 0.3750,
0.3362

 0.0000, 0.0000,
0.0000

144.7299, 0.3702,

0.3358

180.4063, 0.3661,
0.3355

■ 14.6947, 0.4371,
0.3375

■ 14.6947, 0.4371,
0.3375

■ 12.3316, 0.4786,
0.3388

■ 17.6032, 0.4011,
0.3358

■ 10.4778, 0.5237,
0.3393

■ 21.0858, 0.3709,
0.3340

■ 9.0964, 0.5679,
0.3387


■ 25.1717, 0.3462,
0.3321

■ 8.1447, 0.6050,
0.3368

■ 29.8878, 0.3262,
0.3303


■ 7.5690, 0.6304,
0.3345


■ 35.2590, 0.3099,
0.3287

 7.4954, 0.6343,
0.3345

 41.3092, 0.2967,
0.3272

 48.0609, 0.2859,
0.3259

 55.5355, 0.2770,
0.3246

 63.7536, 0.2696,
0.3236

Harmonies

Analogous

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



14.6947, 0.3905, 0.2892



14.6947, 0.4371, 0.3375



14.6947, 0.4445, 0.3883

Triad

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



14.6947, 0.4371, 0.3375



14.6947, 0.2919, 0.4304



14.6947, 0.2149, 0.2276

Complementary

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



14.6947, 0.4371, 0.3375



27.0388, 0.2489, 0.3199

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.



14.6947, 0.1954, 0.2507



14.6947, 0.4371, 0.3375



14.6947, 0.2357, 0.3691

Square

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



14.6947, 0.4371, 0.3375



14.6947, 0.3571, 0.4525



14.6947, 0.2021, 0.3002



14.6947, 0.2591, 0.2288

Rectangle

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



14.6947, 0.4371, 0.3375



14.6947, 0.4275, 0.4191



14.6947, 0.2021, 0.3002



14.6947, 0.2055, 0.2324

Sweetspot

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



14.6954, 0.4371, 0.3375



48.8579, 0.3380, 0.3314



15.6418, 0.3231, 0.2201



10.6317, 0.3423, 0.3318



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



14.6954, 0.4371, 0.3375



22.0075, 0.4832, 0.3389



22.2420, 0.4064, 0.3963



6.7130, 0.3282, 0.3305



6.0264, 0.6336, 0.3351



0.1260, 0.6048, 0.3580

Inverse Universe

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



27.0388, 0.2489, 0.3199



47.1806, 0.2386, 0.3175



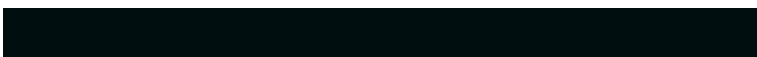
16.7976, 0.2359, 0.2490



7.4345, 0.2988, 0.3275



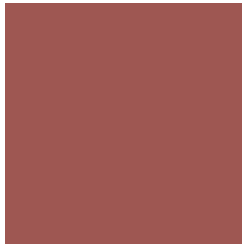
18.8554, 0.2191, 0.3087



0.3573, 0.2215, 0.3174

Previews

White Background



This preview shows how the Yxy color 14.6947, 0.4371, 0.3375 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 14.6947, 0.4371, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

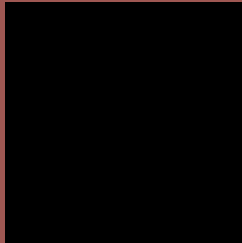
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.6947, 0.4371, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 14.6947, 0.4371, 0.3375.



This preview shows how white text looks on a background with the Yxy color 14.6947, 0.4371, 0.3375.

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

14.6947, 0.4371, 0.3375

Protanopia

14.7988, 0.3411, 0.3606

Deuteranopia

14.7770, 0.3825, 0.3765



Tritanopia

14.7992, 0.4223, 0.3196

Trichromacy



Original Color

14.6947, 0.4371, 0.3375

Protanomaly

14.4861, 0.3742, 0.3527

Deuteranomaly

14.5318, 0.4023, 0.3608

Tritanomaly

14.7311, 0.4292, 0.3261

Monochromacy



Original Color

14.6947, 0.4371, 0.3375

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.4508, 0.3532, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6947, 0.4371, 0.3375 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(158, 87, 82)` looks like.

```
.text, #text, p{  
    color:rgb(158, 87, 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(158, 87, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 87, 82) }
```

Border

The CSS property to change the border of an element to Yxy 14.6947, 0.4371, 0.3375 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(158, 87, 82) }
```

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

```
.border{ border-color:rgb(158, 87, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 87, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 87, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 87, 82);  
box-shadow:4px 4px 4px 4px rgb(158, 87,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6947, 0.4371, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 87, 82) }
```

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

```
.background{ background-color: rgb(158, 87,  
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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