

Converting Colors

$Y_{xy}(14.2431, 0.4007, 0.3130)$

Have a look what the booklet for
Yxy(14.2431, 0.4007, 0.3130)
contains.

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Color

Yxy(14.1635, 0.3997, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	965761
RGB	150, 87, 97
RGB Percent	59%, 34%, 38%
CMY	0.4117, 0.6588, 0.6196
CMYK	0.00, 0.42, 0.35, 0.41
HSL	350°, 27%, 46%
HSV	350°, 42%, 59%
XYZ	18.1447, 14.1635, 13.0876
YIQ	106.9770, 34.3380, 16.4660

Conversions

Conversions Part 2

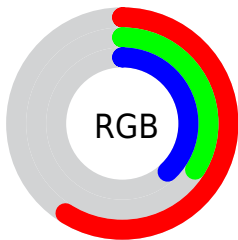
Format	Color
R_{YB}	150, 87, 97
Decimal	9852769
CIE _{Lab}	44.47, 27.27, 5.55
CIE _{LCh}	44, 27.827, 11.504
Yxy	14.1635, 0.3997, 0.3120
Android (android.graphics.Color)	4288042849 (0xFF965761)
YUV	106.9770, -4.9187, 37.7312
Hunter-Lab	37.6344, 20.2001, 5.7256

Details

The Yxy color **14.1635, 0.3997, 0.3120** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.7349, 0.2643, 0.3475**, and the grayscale version is **14.7034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4054, 0.3785, 0.3176**, and **4.2314, 0.4434, 0.3000** is the 20% darker color. If you saturate the color by 10%, you get **11.7655, 0.4329, 0.3084**, and if you desaturate by 10%, it is **17.1051, 0.3719, 0.3161**.

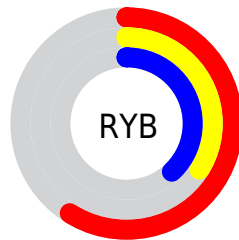
Distribution



Red (59%)

Green (34%)

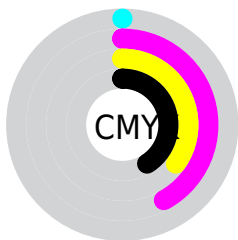
Blue (38%)



Red (59%)

Yellow (34%)

Blue (38%)

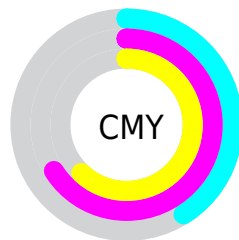


Cyan (0%)

Magenta (42%)

Yellow (35%)

Black (41%)



Cyan (41%)


Magenta (66%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.1635, 0.3997, 0.3120 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 14.1635, 0.3997, 0.3120 by changing the saturation by 10% instead.


 14.1635, 0.3997,
0.3120


 14.1635, 0.3997,
0.3120


218.2456, 0.3474,
0.3230


 8.2345, 0.4170,
0.3079


 33.3789, 0.3779,
0.3169


 4.2453, 0.4428,
0.3013

 47.4340, 0.3706,
0.3184


 1.8117, 0.4848,
0.2896

 64.9666, 0.3648,
0.3196

 0.4945, 0.6449,
0.2723

 86.3610, 0.3601,
0.3205

 0.0000, 1.0000,
0.0000

 112.0018, 0.3561,
0.3213

 0.0000, 0.0000,
0.0000

142.2732, 0.3527,

0.3220

177.5597, 0.3499,
0.3225

■ 14.1635, 0.3997,
0.3120

■ 14.1635, 0.3997,
0.3120

■ 11.7655, 0.4329,
0.3084

■ 17.1051, 0.3719,
0.3161

■ 9.8756, 0.4711,
0.3060

■ 20.6187, 0.3490,
0.3203

■ 8.4578, 0.5126,
0.3053

■ 24.7331, 0.3304,
0.3244

■ 7.4699, 0.5541,
0.3072


■ 29.4746, 0.3154,
0.3283

■ 6.8626, 0.5906,
0.3118


■ 34.8681, 0.3031,
0.3318

 6.5500, 0.6144,
0.3158

 40.9368, 0.2932,
0.3351

 47.7031, 0.2851,
0.3381

 55.1882, 0.2784,
0.3408

 63.4125, 0.2728,
0.3432

Harmonies

Analogous

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



14.1635, 0.3469, 0.2733



14.1635, 0.3997, 0.3120



14.1635, 0.4269, 0.3566

Triad

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



14.1635, 0.3997, 0.3120



14.1635, 0.3287, 0.4310



14.1635, 0.2143, 0.2500

Complementary

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



14.1635, 0.3997, 0.3120



25.7349, 0.2643, 0.3475

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.



14.1635, 0.2106, 0.2845



14.1635, 0.3997, 0.3120



14.1635, 0.2733, 0.3960

Square

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



14.1635, 0.3997, 0.3120



14.1635, 0.3825, 0.4293



14.1635, 0.2309, 0.3385



14.1635, 0.2411, 0.2382

Rectangle

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



14.1635, 0.3997, 0.3120



14.1635, 0.4257, 0.3859



14.1635, 0.2309, 0.3385



14.1635, 0.2104, 0.2590

Sweetspot

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



14.1642, 0.3997, 0.3120



42.6744, 0.3326, 0.3239



14.5512, 0.3030, 0.2245



9.1177, 0.3361, 0.3231



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



14.1642, 0.3997, 0.3120



21.1500, 0.4292, 0.3088



17.8984, 0.4013, 0.3653



5.8295, 0.3259, 0.3255



5.4351, 0.6129, 0.3150



0.0694, 0.5280, 0.2682

Inverse Universe

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



14.1642, 0.3997, 0.3120



21.1500, 0.4292, 0.3088



19.9303, 0.2505, 0.2888



5.8295, 0.3259, 0.3255



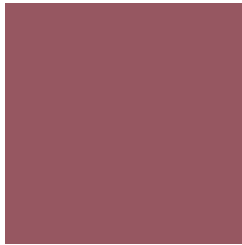
5.4351, 0.6129, 0.3150



0.0694, 0.5280, 0.2682

Previews

White Background



This preview shows how the Yxy color 14.1635, 0.3997, 0.3120 looks on a white background.

Color Contrast Check

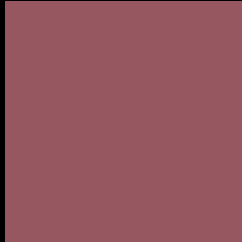
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1635, 0.3997, 0.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

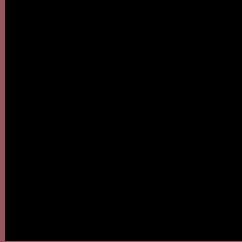
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1635, 0.3997, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 14.1635, 0.3997, 0.3120.



This preview shows how white text looks on a background with the Yxy color 14.1635, 0.3997, 0.3120.

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

14.1635, 0.3997, 0.3120

Protanopia

14.2905, 0.3129, 0.3248

Deuteranopia

14.3040, 0.3506, 0.3454



Tritanopia

14.2716, 0.4042, 0.3189

Trichromacy



Original Color

14.1635, 0.3997, 0.3120

Protanomaly

13.9256, 0.3434, 0.3191

Deuteranomaly

14.2009, 0.3682, 0.3330

Tritanomaly

14.2897, 0.4025, 0.3172

Monochromacy



Original Color

14.1635, 0.3997, 0.3120

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.3046, 0.3427, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1635, 0.3997, 0.3120 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(150, 87, 97)` looks like.

```
.text, #text, p{  
    color:rgb(150, 87, 97)  
}
```

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(150, 87, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 87, 97) }
```

Border

The CSS property to change the border of an element to Yxy 14.1635, 0.3997, 0.3120 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(150, 87, 97) }
```

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

```
.border{ border-color:rgb(150, 87, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 87, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 87, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 87, 97);  
box-shadow:4px 4px 4px 4px rgb(150, 87,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1635, 0.3997, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 87, 97) }
```

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

```
.background{ background-color: rgb(150, 87,  
97) }
```

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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