

Converting Colors

$Y_{xy}(14.7747, 0.4038, 0.3259)$

Have a look what the booklet for
Yxy(14.7747, 0.4038, 0.3259)
contains.

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Color

Yxy(14.7565, 0.4039, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	965B5D
RGB	150, 91, 93
RGB Percent	59%, 36%, 36%
CMY	0.4118, 0.6431, 0.6352
CMYK	0.00, 0.39, 0.38, 0.41
HSL	358°, 24%, 47%
HSV	358°, 39%, 59%
XYZ	18.2939, 14.7565, 12.2427
YIQ	108.8690, 34.5220, 13.1300

Conversions

Conversions Part 2

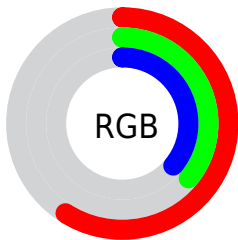
Format	Color
R _Y B	150, 91, 93
Decimal	9853789
CIE Lab	45.30, 24.47, 9.16
CIE LCh	45, 26.124, 20.517
Yxy	14.7565, 0.4039, 0.3258
Android (android.graphics.Color)	4288043869 (0xFF965B5D)
YUV	108.8690, -7.8234, 36.0719
Hunter-Lab	38.4142, 17.7818, 7.9940

Details

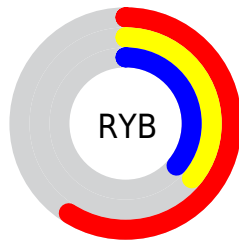
The Yxy color **14.7565, 0.4039, 0.3258** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.1724, 0.2612, 0.3325**, and the grayscale version is **15.2697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.4510, 0.3815, 0.3279**, and **4.5480, 0.4491, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **12.2109, 0.4408, 0.3251**, and if you desaturate by 10%, it is **17.8648, 0.3732, 0.3266**.

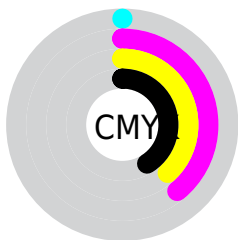
Distribution



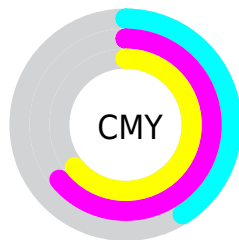
- Red (59%)
- Green (36%)
- Blue (36%)



- Red (59%)
- Yellow (36%)
- Blue (36%)



- Cyan (0%)
- Magenta (39%)
- Yellow (38%)
- Black (41%)




- Cyan (41%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7565, 0.4039, 0.3258 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 14.7565, 0.4039, 0.3258 by changing the saturation by 10% instead.


 14.7565, 0.4039,
0.3258


 14.7565, 0.4039,
0.3258


221.8876, 0.3492,
0.3290

 8.6487, 0.4219,
0.3240


 34.4254, 0.3812,
0.3276


 4.5127, 0.4484,
0.3206

 48.7553, 0.3736,
0.3280

 1.9643, 0.4912,
0.3134

 66.5947, 0.3675,
0.3283

 0.5866, 0.6708,
0.3292

 88.3280, 0.3625,
0.3285

 0.0000, 1.0000,
0.0000

114.3395, 0.3584,
0.3287

 0.0000, 0.0000,
0.0000

145.0137, 0.3549,

0.3288

180.7349, 0.3518,
0.3289

■ 14.7565, 0.4039,
0.3258

■ 14.7565, 0.4039,
0.3258

■ 12.2109, 0.4408,
0.3251

■ 17.8648, 0.3732,
0.3266

■ 10.1923, 0.4834,
0.3247

■ 21.5643, 0.3481,
0.3275

■ 8.6644, 0.5292,
0.3248


■ 25.8842, 0.3280,
0.3283

■ 7.5855, 0.5736,
0.3254


■ 30.8512, 0.3117,
0.3291

■ 6.9068, 0.6098,
0.3267

■ 36.4903, 0.2986,
0.3298


 6.5186, 0.6340,
0.3275

 42.8252, 0.2880,
0.3304

 6.4945, 0.6355,
0.3274

 49.8787, 0.2794,
0.3310

 57.6721, 0.2723,
0.3315

 66.2263, 0.2665,
0.3320

Harmonies

Analogous

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



14.7565, 0.3607, 0.2870



14.7565, 0.4039, 0.3258



14.7565, 0.4198, 0.3679

Triad

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



14.7565, 0.4039, 0.3258



14.7565, 0.3120, 0.4165



14.7565, 0.2262, 0.2500

Complementary

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



14.7565, 0.4039, 0.3258



26.1724, 0.2612, 0.3325

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.



14.7565, 0.2160, 0.2762



14.7565, 0.4039, 0.3258



14.7565, 0.2627, 0.3760

Square

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



14.7565, 0.4039, 0.3258



14.7565, 0.3640, 0.4257



14.7565, 0.2285, 0.3218



14.7565, 0.2576, 0.2447

Rectangle

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



14.7565, 0.4039, 0.3258



14.7565, 0.4126, 0.3939



14.7565, 0.2285, 0.3218



14.7565, 0.2203, 0.2564

Sweetspot

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



14.7572, 0.4039, 0.3258



43.3498, 0.3334, 0.3280



15.8922, 0.3132, 0.2338



9.4105, 0.3356, 0.3279



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.



14.7572, 0.4039, 0.3258



22.1233, 0.4353, 0.3252



20.0900, 0.3893, 0.3744



5.8184, 0.3277, 0.3283



5.3880, 0.6350, 0.3272



0.0666, 0.6108, 0.3139

Inverse Universe

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



14.7572, 0.4039, 0.3258



22.1233, 0.4353, 0.3252



18.7038, 0.2522, 0.2782



5.8184, 0.3277, 0.3283



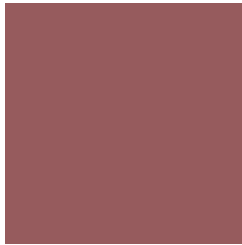
5.3880, 0.6350, 0.3272



0.0666, 0.6108, 0.3139

Previews

White Background



This preview shows how the Yxy color 14.7565, 0.4039, 0.3258 looks on a white background.

Color Contrast Check

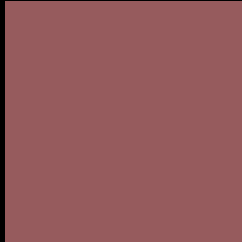
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7565, 0.4039, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

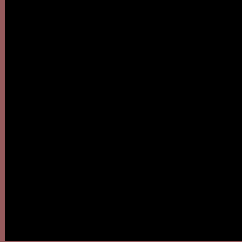
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.7565, 0.4039, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 14.7565, 0.4039, 0.3258.



This preview shows how white text looks on a background with the Yxy color 14.7565, 0.4039, 0.3258.

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

14.7565, 0.4039, 0.3258

Protanopia

14.8345, 0.3261, 0.3416

Deuteranopia

14.9410, 0.3601, 0.3551



Tritanopia

14.6594, 0.3979, 0.3172

Trichromacy



Original Color

14.7565, 0.4039, 0.3258

Protanomaly

14.5492, 0.3527, 0.3351

Deuteranomaly

14.6829, 0.3748, 0.3426

Tritanomaly

14.6409, 0.3996, 0.3189

Monochromacy



Original Color

14.7565, 0.4039, 0.3258

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.7671, 0.3436, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7565, 0.4039, 0.3258 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, 91, 93)` looks like.

```
.text, #text, p{  
    color:rgb(150, 91, 93)  
}
```

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, 91, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 91, 93) }
```

Border

The CSS property to change the border of an element to Yxy 14.7565, 0.4039, 0.3258 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, 91, 93) }
```

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

```
.border{ border-color:rgb(150, 91, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 91, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 91, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 91, 93);  
box-shadow:4px 4px 4px 4px rgb(150, 91,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7565, 0.4039, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 91, 93) }
```

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

```
.background{ background-color: rgb(150, 91,  
93) }
```

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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