

Converting Colors

$Y_{xy}(14.3607, 0.4037, 0.3190)$

Have a look what the booklet for
Yxy(14.3607, 0.4037, 0.3190)
contains.

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Color

Yxy(14.2716, 0.4042, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	96585E
RGB	150, 88, 94
RGB Percent	59%, 35%, 37%
CMY	0.4117, 0.6549, 0.6314
CMYK	0.00, 0.41, 0.37, 0.41
HSL	354°, 26%, 47%
HSV	354°, 41%, 59%
XYZ	18.0890, 14.2716, 12.3920
YIQ	107.2220, 35.0260, 15.0100

Conversions

Conversions Part 2

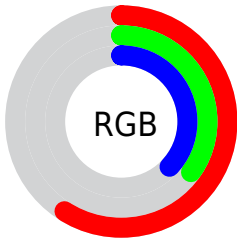
Format	Color
R_{YB}	150, 88, 94
Decimal	9853022
CIE _{Lab}	44.62, 26.31, 7.59
CIE _{LCh}	45, 27.386, 16.101
Yxy	14.2716, 0.4042, 0.3189
Android (android.graphics.Color)	4288043102 (0xFF96585E)
YUV	107.2220, -6.5184, 37.5163
Hunter-Lab	37.7778, 19.3594, 6.9959

Details

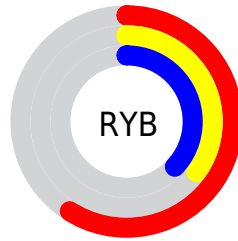
The Yxy color **14.2716, 0.4042, 0.3189** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.9035, 0.2620, 0.3399**, and the grayscale version is **14.7793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6007, 0.3816, 0.3228**, and **4.3407, 0.4500, 0.3122** is the 20% darker color. If you saturate the color by 10%, you get **11.8356, 0.4397, 0.3168**, and if you desaturate by 10%, it is **17.2584, 0.3745, 0.3214**.

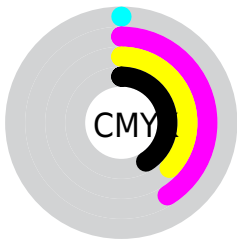
Distribution



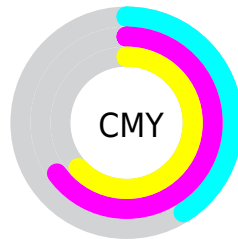
- Red (59%)
- Green (35%)
- Blue (37%)



- Red (59%)
- Yellow (35%)
- Blue (37%)



- Cyan (0%)
- Magenta (41%)
- Yellow (37%)
- Black (41%)





- Cyan (41%)
- Magenta (65%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2716, 0.4042, 0.3189 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 14.2716, 0.4042, 0.3189 by changing the saturation by 10% instead.


 14.2716, 0.4042,
0.3189


 14.2716, 0.4042,
0.3189


218.9140, 0.3491,
0.3261


 8.3098, 0.4224,
0.3159


 33.5702, 0.3813,
0.3223


 4.2938, 0.4495,
0.3107

 47.6757, 0.3736,
0.3233

 1.8392, 0.4935,
0.3009

 65.2647, 0.3675,
0.3240

 0.5115, 0.6838,
0.3009

 86.7214, 0.3625,
0.3246

 0.0000, 1.0000,
0.0000

 112.4303, 0.3583,
0.3251

 0.0000, 0.0000,
0.0000

142.7758, 0.3548,

0.3255

178.1422, 0.3518,
0.3258

■ 14.2716, 0.4042,
0.3189

■ 14.2716, 0.4042,
0.3189

■ 11.8356, 0.4397,
0.3168

■ 17.2584, 0.3745,
0.3214

■ 9.9148, 0.4805,
0.3154

■ 20.8247, 0.3502,
0.3239

■ 8.4727, 0.5245,
0.3153


■ 24.9996, 0.3305,
0.3264

■ 7.4670, 0.5675,
0.3168


■ 29.8096, 0.3146,
0.3287

■ 6.8483, 0.6035,
0.3201


■ 35.2798, 0.3017,
0.3309

 6.5179, 0.6267,
0.3226

 41.4337, 0.2913,
0.3328

 48.2939, 0.2828,
0.3346

 55.8818, 0.2758,
0.3362

 64.2179, 0.2700,
0.3377

Harmonies

Analogous

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



14.2716, 0.3552, 0.2794



14.2716, 0.4042, 0.3189



14.2716, 0.4259, 0.3631

Triad

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



14.2716, 0.4042, 0.3189



14.2716, 0.3199, 0.4260



14.2716, 0.2185, 0.2482

Complementary

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



14.2716, 0.4042, 0.3189



25.9035, 0.2620, 0.3399

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.



14.2716, 0.2113, 0.2788



14.2716, 0.4042, 0.3189



14.2716, 0.2665, 0.3869

Square

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



14.2716, 0.4042, 0.3189



14.2716, 0.3740, 0.4299



14.2716, 0.2278, 0.3295



14.2716, 0.2483, 0.2397

Rectangle

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



14.2716, 0.4042, 0.3189



14.2716, 0.4213, 0.3913



14.2716, 0.2278, 0.3295



14.2716, 0.2135, 0.2559

Sweetspot

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



14.2723, 0.4042, 0.3189



43.4060, 0.3321, 0.3262



15.0935, 0.3089, 0.2278



9.4239, 0.3342, 0.3259



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.



14.2723, 0.4042, 0.3189



21.0204, 0.4383, 0.3169



18.9556, 0.3965, 0.3716



5.8240, 0.3268, 0.3269



5.4077, 0.6255, 0.3220



0.0680, 0.5650, 0.2886

Inverse Universe

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



14.2723, 0.4042, 0.3189



21.0204, 0.4383, 0.3169



18.9959, 0.2501, 0.2813



5.8240, 0.3268, 0.3269



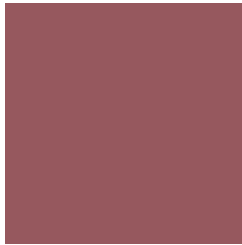
5.4077, 0.6255, 0.3220



0.0680, 0.5650, 0.2886

Previews

White Background



This preview shows how the Yxy color 14.2716, 0.4042, 0.3189 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 14.2716, 0.4042, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

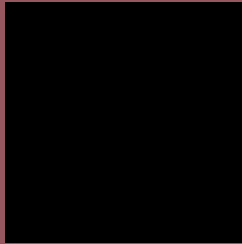
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2716, 0.4042, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 14.2716, 0.4042, 0.3189.



This preview shows how white text looks on a background with the Yxy color 14.2716, 0.4042, 0.3189.

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

14.2716, 0.4042, 0.3189

Protanopia

14.4755, 0.3194, 0.3354

Deuteranopia

14.3404, 0.3550, 0.3495



Tritanopia

14.2716, 0.4042, 0.3189

Trichromacy



Original Color

14.2716, 0.4042, 0.3189

Protanomaly

14.0547, 0.3475, 0.3271

Deuteranomaly

14.2452, 0.3728, 0.3369

Tritanomaly

14.2716, 0.4042, 0.3189

Monochromacy



Original Color

14.2716, 0.4042, 0.3189

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.2846, 0.3442, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2716, 0.4042, 0.3189 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, 88, 94)` looks like.

```
.text, #text, p{  
    color:rgb(150, 88, 94)  
}
```

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, 88, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 88, 94) }
```

Border

The CSS property to change the border of an element to Yxy 14.2716, 0.4042, 0.3189 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, 88, 94) }
```

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

```
.border{ border-color:rgb(150, 88, 94) }
```

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

Here you see how a box with a 4 pixel rgb(150, 88, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 88, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 88, 94);  
box-shadow:4px 4px 4px 4px rgb(150, 88,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2716, 0.4042, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 88, 94) }
```

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

```
.background{ background-color: rgb(150, 88,  
94) }
```

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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