

Converting Colors

$Y_{xy}(12.6116, 0.3936, 0.3057)$

Have a look what the booklet for
Yxy(12.6116, 0.3936, 0.3057)
contains.

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Color

Yxy(12.6116, 0.3936, 0.3057)

Conversions

Conversions Part 1

Format	Color
Hex	8E525F
RGB	142, 82, 95
RGB Percent	56%, 32%, 37%
CMY	0.4431, 0.6784, 0.6274
CMYK	0.00, 0.42, 0.33, 0.44
HSL	347°, 27%, 44%
HSV	347°, 42%, 56%
XYZ	16.2379, 12.6116, 12.4053
YIQ	101.4220, 31.5870, 16.7630

Conversions

Conversions Part 2

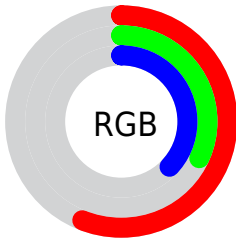
Format	Color
R _Y B	142, 82, 95
Decimal	9327199
CIE Lab	42.17, 26.70, 3.34
CIE LCh	42, 26.905, 7.130
Yxy	12.6116, 0.3936, 0.3057
Android (android.graphics.Color)	4287517279 (0xFF8E525F)
YUV	101.4220, -3.1660, 35.5869
Hunter-Lab	35.5128, 19.4700, 4.1478

Details

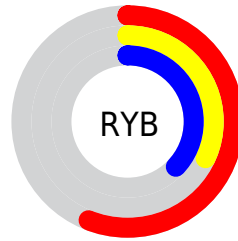
The Yxy color **12.6116, 0.3936, 0.3057** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.7243, 0.2670, 0.3546**, and the grayscale version is **13.1314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.4172, 0.3730, 0.3118**, and **3.5477, 0.4347, 0.2923** is the 20% darker color. If you saturate the color by 10%, you get **10.4995, 0.4241, 0.3007**, and if you desaturate by 10%, it is **15.1970, 0.3680, 0.3113**.

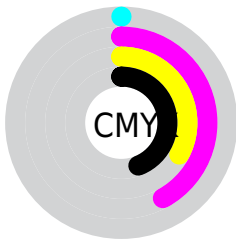
Distribution



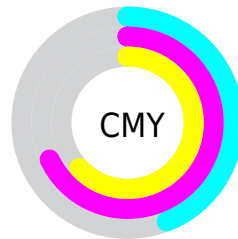
- Red (56%)
- Green (32%)
- Blue (37%)



- Red (56%)
- Yellow (32%)
- Blue (37%)



- Cyan (0%)
- Magenta (42%)
- Yellow (33%)
- Black (44%)





- Cyan (44%)
- Magenta (68%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 12.6116, 0.3936, 0.3057 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 12.6116, 0.3936, 0.3057 by changing the saturation by 10% instead.


 12.6116, 0.3936,
0.3057


 12.6116, 0.3936,
0.3057


208.4132, 0.3443,
0.3204


 7.1616, 0.4104,
0.3004


 30.6042, 0.3728,
0.3120


 3.5634, 0.4359,
0.2921

 43.9157, 0.3660,
0.3141

 1.4325, 0.4786,
0.2774

 60.6164, 0.3605,
0.3157

 0.2405, 0.7662,
0.2092

 81.0908, 0.3561,
0.3170

 0.0000, 0.0000,
0.0000

 105.7233, 0.3524,
0.3181

134.8983, 0.3493,

0.3190

169.0001, 0.3466,
0.3197

■ 12.6116, 0.3936,
0.3057

■ 12.6116, 0.3936,
0.3057

■ 10.4995, 0.4241,
0.3007

■ 15.1970, 0.3680,
0.3113

■ 8.8302, 0.4592,
0.2970

■ 18.2802, 0.3469,
0.3170

■ 7.5722, 0.4978,
0.2956


■ 21.8862, 0.3296,
0.3226

■ 6.6894, 0.5372,
0.2971

■ 26.0378, 0.3155,
0.3279


■ 6.1391, 0.5735,
0.3023

■ 30.7564, 0.3040,
0.3328

 5.8482, 0.5982,
0.3069

 36.0622, 0.2947,
0.3372

 41.9746, 0.2870,
0.3413

 48.5119, 0.2806,
0.3450

 55.6918, 0.2754,
0.3484

Harmonies

Analogous

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



12.6116, 0.3384, 0.2683



12.6116, 0.3936, 0.3057



12.6116, 0.4256, 0.3500

Triad

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



12.6116, 0.3936, 0.3057



12.6116, 0.3371, 0.4336



12.6116, 0.2118, 0.2533

Complementary

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



12.6116, 0.3936, 0.3057



22.7243, 0.2670, 0.3546

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.



12.6116, 0.2116, 0.2911



12.6116, 0.3936, 0.3057



12.6116, 0.2807, 0.4035

Square

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



12.6116, 0.3936, 0.3057



12.6116, 0.3896, 0.4268



12.6116, 0.2355, 0.3473



12.6116, 0.2355, 0.2381

Rectangle

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



12.6116, 0.3936, 0.3057



12.6116, 0.4279, 0.3799



12.6116, 0.2355, 0.3473



12.6116, 0.2091, 0.2634

Sweetspot

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



12.6122, 0.3936, 0.3057



37.9029, 0.3312, 0.3220



12.6554, 0.2987, 0.2230



8.1720, 0.3344, 0.3210



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



12.6122, 0.3936, 0.3057



18.5785, 0.4234, 0.3008



15.2841, 0.4037, 0.3600



5.4420, 0.3250, 0.3243



5.2534, 0.5972, 0.3063



0.0530, 0.4989, 0.2522

Inverse Universe

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



12.6122, 0.3936, 0.3057



18.5785, 0.4234, 0.3008



18.4141, 0.2514, 0.2950



5.4420, 0.3250, 0.3243



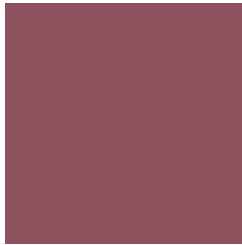
5.2534, 0.5972, 0.3063



0.0530, 0.4989, 0.2522

Previews

White Background



This preview shows how the Yxy color 12.6116, 0.3936, 0.3057 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 12.6116, 0.3936, 0.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

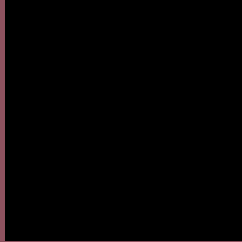
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 12.6116, 0.3936, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 12.6116, 0.3936, 0.3057.



This preview shows how white text looks on a background with the Yxy color 12.6116, 0.3936, 0.3057.

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

12.6116, 0.3936, 0.3057

Protanopia

12.6529, 0.3061, 0.3157

Deuteranopia

12.5832, 0.3434, 0.3377



Tritanopia

12.5705, 0.4021, 0.3183

Trichromacy



Original Color

12.6116, 0.3936, 0.3057

Protanomaly

12.4131, 0.3354, 0.3123

Deuteranomaly

12.4834, 0.3616, 0.3251

Tritanomaly

12.6046, 0.3986, 0.3146

Monochromacy



Original Color

12.6116, 0.3936, 0.3057

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

12.6193, 0.3398, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 12.6116, 0.3936, 0.3057 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(142, 82, 95)` looks like.

```
.text, #text, p{  
    color:rgb(142, 82, 95)  
}
```

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(142, 82, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 82, 95) }
```

Border

The CSS property to change the border of an element to Yxy 12.6116, 0.3936, 0.3057 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(142, 82, 95) }
```

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

```
.border{ border-color:rgb(142, 82, 95) }
```

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

Here you see how a box with a 4 pixel rgb(142, 82, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 82, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 82, 95);  
box-shadow:4px 4px 4px 4px rgb(142, 82,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 12.6116, 0.3936, 0.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 82, 95) }
```

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

```
.background{ background-color: rgb(142, 82,  
95) }
```

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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