

Converting Colors

$Y_{xy}(12.1114, 0.3563, 0.2570)$

Have a look what the booklet for
Yxy(12.1114, 0.3563, 0.2570)
contains.

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Color

Yxy(12.1160, 0.3557, 0.2568)

Conversions

Conversions Part 1

Format	Color
Hex	8D4C75
RGB	141, 76, 117
RGB Percent	55%, 30%, 46%
CMY	0.4470, 0.7020, 0.5412
CMYK	0.00, 0.46, 0.17, 0.45
HSL	322°, 30%, 43%
HSV	322°, 46%, 55%
XYZ	16.7822, 12.1160, 18.2825
YIQ	100.1090, 25.5790, 26.5310

Conversions

Conversions Part 2

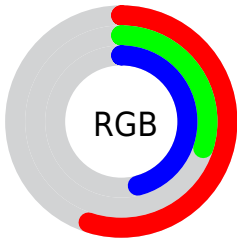
Format	Color
R_{YB}	141, 76, 117
Decimal	9260149
CIE _{Lab}	41.40, 33.09, -11.37
CIE _{LCh}	41, 34.991, 341.035
Yxy	12.1160, 0.3557, 0.2568
Android (android.graphics.Color)	4287450229 (0xFF8D4C75)
YUV	100.1090, 8.3273, 35.8614
Hunter-Lab	34.8080, 25.1470, -6.7757

Details

The Yxy color **12.1160, 0.3557, 0.2568** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.5123, 0.2861, 0.4157**, and the grayscale version is **12.7467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.7791, 0.3454, 0.2742**, and **3.3840, 0.3744, 0.2259** is the 20% darker color. If you saturate the color by 10%, you get **10.2629, 0.3692, 0.2426**, and if you desaturate by 10%, it is **14.4030, 0.3437, 0.2724**.

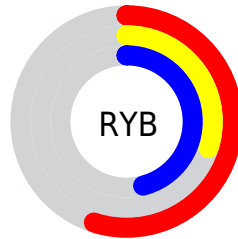
Distribution



Red (55%)

Green (30%)

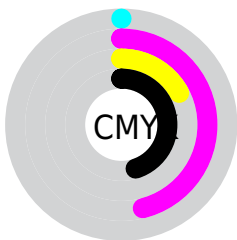
Blue (46%)



Red (55%)

Yellow (30%)

Blue (46%)

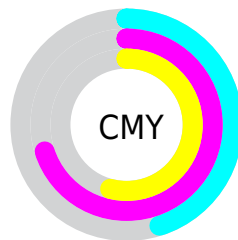


Cyan (0%)

Magenta (46%)

Yellow (17%)

Black (45%)



Cyan (45%)


Magenta (70%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 12.1160, 0.3557, 0.2568 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 12.1160, 0.3557, 0.2568 by changing the saturation by 10% instead.


 12.1160, 0.3557,
0.2568


 12.1160, 0.3557,
0.2568


205.1717, 0.3306,
0.2986


 6.8227, 0.3636,
0.2439


 29.7062, 0.3455,
0.2737

 3.3515, 0.3751,
0.2254

 42.7719, 0.3420,
0.2795

 1.3179, 0.3930,
0.1971

 59.1972, 0.3392,
0.2842

 0.1550, 0.4619,
0.0745

 79.3666, 0.3368,
0.2881

 0.0000, 0.0000,
0.0000

 103.6643, 0.3349,
0.2914

132.4748, 0.3332,

0.2941

166.1825, 0.3318,
0.2965

■ 12.1160, 0.3557,
0.2568

■ 12.1160, 0.3557,
0.2568

■ 10.2629, 0.3692,
0.2426

■ 14.4030, 0.3437,
0.2724

■ 8.8138, 0.3839,
0.2307

■ 17.1479, 0.3333,
0.2884

■ 7.7375, 0.3997,
0.2222


■ 20.3749, 0.3244,
0.3044

■ 6.9977, 0.4159,
0.2180

■ 24.1060, 0.3168,
0.3199


■ 6.5379, 0.4320,
0.2184

■ 28.3620, 0.3104,
0.3346

 6.3845, 0.4385,
0.2189

 33.1624, 0.3050,
0.3484

 38.5256, 0.3005,
0.3612

 44.4692, 0.2967,
0.3730

 51.0102, 0.2936,
0.3839

Harmonies

Analogous

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



12.1160, 0.2786, 0.2245



12.1160, 0.3557, 0.2568



12.1160, 0.4272, 0.3043

Triad

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



12.1160, 0.3557, 0.2568



12.1160, 0.4018, 0.4590



12.1160, 0.1824, 0.2692

Complementary

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



12.1160, 0.3557, 0.2568



21.5123, 0.2861, 0.4157

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.



12.1160, 0.2070, 0.3410



12.1160, 0.3557, 0.2568



12.1160, 0.3317, 0.4675

Square

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



12.1160, 0.3557, 0.2568



12.1160, 0.4515, 0.4152



12.1160, 0.2604, 0.4214



12.1160, 0.1871, 0.2266

Rectangle

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



12.1160, 0.3557, 0.2568



12.1160, 0.4564, 0.3407



12.1160, 0.2604, 0.4214



12.1160, 0.1873, 0.2903

Sweetspot

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



12.1166, 0.3557, 0.2568



37.6193, 0.3229, 0.3073



9.7915, 0.2585, 0.2004



8.1331, 0.3245, 0.3043



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.



12.1166, 0.3557, 0.2568



18.3540, 0.3693, 0.2425



11.4828, 0.4150, 0.3136



5.4777, 0.3190, 0.3152



5.8227, 0.4379, 0.2186



0.0599, 0.3751, 0.1840

Inverse Universe

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



12.1166, 0.3557, 0.2568



18.3540, 0.3693, 0.2425



22.2674, 0.2595, 0.3461



5.4777, 0.3190, 0.3152



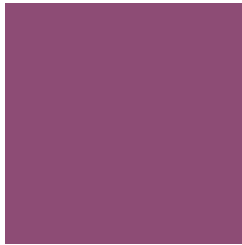
5.8227, 0.4379, 0.2186



0.0599, 0.3751, 0.1840

Previews

White Background



This preview shows how the Yxy color 12.1160, 0.3557, 0.2568 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 12.1160, 0.3557, 0.2568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

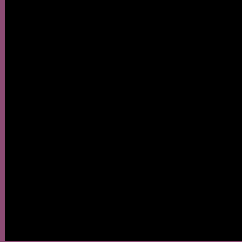
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 12.1160, 0.3557, 0.2568

Background



This preview shows how black text looks on a background with the Yxy color 12.1160, 0.3557, 0.2568.



This preview shows how white text looks on a background with the Yxy color 12.1160, 0.3557, 0.2568.

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

12.1160, 0.3557, 0.2568

Protanopia

12.2900, 0.2581, 0.2545

Deuteranopia

12.2900, 0.2942, 0.2899



Tritanopia

12.1424, 0.3997, 0.3181

Trichromacy



Original Color

12.1160, 0.3557, 0.2568

Protanomaly

11.8029, 0.2870, 0.2516

Deuteranomaly

12.0274, 0.3152, 0.2760

Tritanomaly

12.1271, 0.3826, 0.2943

Monochromacy



Original Color

12.1160, 0.3557, 0.2568

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.1676, 0.3283, 0.2978

CSS Examples

Text

The CSS property to change the color of the text to Yxy 12.1160, 0.3557, 0.2568 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(141, 76, 117)` looks like.

```
.text, #text, p{  
  color:rgb(141, 76, 117)  
}
```

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(141, 76, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 76, 117) }
```

Border

The CSS property to change the border of an element to Yxy 12.1160, 0.3557, 0.2568 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(141, 76, 117) }
```

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

```
.border{ border-color:rgb(141, 76, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 76, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 76, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 76, 117); box-shadow:4px 4px 4px 4px rgb(141, 76, 117) }
```


Background

The CSS property to change the background color of an element to Yxy 12.1160, 0.3557, 0.2568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 76, 117) }
```

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

```
.background{ background-color: rgb(141, 76,  
117) }
```

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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