

Converting Colors

$Y_{xy}(11.9010, 0.3531, 0.2970)$

Have a look what the booklet for
Yxy(11.9010, 0.3531, 0.2970)
contains.

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Color

Yxy(11.9749, 0.3520, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	7D5666
RGB	125, 86, 102
RGB Percent	49%, 34%, 40%
CMY	0.5098, 0.6627, 0.6000
CMYK	0.00, 0.31, 0.18, 0.51
HSL	335°, 18%, 41%
HSV	335°, 31%, 49%
XYZ	14.1829, 11.9749, 14.1346
YIQ	99.4850, 18.1080, 13.2440

Conversions

Conversions Part 2

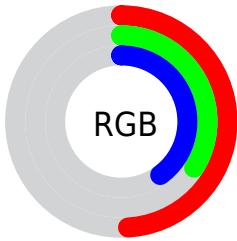
Format	Color
R_{YB}	125, 86, 102
Decimal	8214118
CIE Lab	41.18, 18.75, -2.69
CIE LCh	41, 18.946, 351.843
Yxy	11.9749, 0.3520, 0.2972
Android (android.graphics.Color)	4286404198 (0xFF7D5666)
YUV	99.4850, 1.2399, 22.3767
Hunter-Lab	34.6048, 12.6007, 0.0059

Details

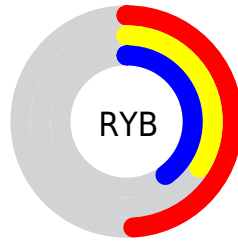
The Yxy color **11.9749, 0.3520, 0.2972** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.7486, 0.2853, 0.3634**, and the grayscale version is **12.6000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.3732, 0.3416, 0.3048**, and **3.2893, 0.3731, 0.2821** is the 20% darker color. If you saturate the color by 10%, you get **10.0110, 0.3700, 0.2867**, and if you desaturate by 10%, it is **14.3020, 0.3369, 0.3078**.

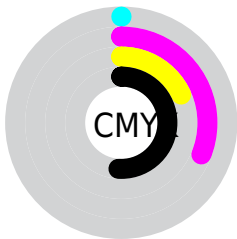
Distribution



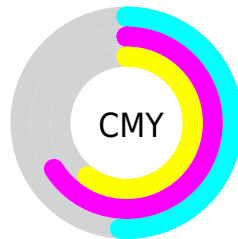
- Red (49%)
- Green (34%)
- Blue (40%)



- Red (49%)
- Yellow (34%)
- Blue (40%)



- Cyan (0%)
- Magenta (31%)
- Yellow (18%)
- Black (51%)





- Cyan (51%)
- Magenta (66%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.9749, 0.3520, 0.2972 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 11.9749, 0.3520, 0.2972 by changing the saturation by 10% instead.


 11.9749, 0.3520,
0.2972


 11.9749, 0.3520,
0.2972


204.2391, 0.3281,
0.3163

 6.7266, 0.3601,
0.2908


 29.4494, 0.3420,
0.3052


 3.2917, 0.3725,
0.2812

 42.4443, 0.3386,
0.3079

 1.2859, 0.3935,
0.2652

 58.7903, 0.3360,
0.3100

 0.1302, 0.5584,
0.1250

 78.8717, 0.3338,
0.3117

 0.0000, 0.0000,
0.0000

 103.0728, 0.3321,
0.3132

131.7782, 0.3305,

0.3144

165.3721, 0.3293,
0.3154

■ 11.9749, 0.3520,
0.2972

■ 11.9749, 0.3520,
0.2972

■ 10.0110, 0.3700,
0.2867

■ 14.3020, 0.3369,
0.3078

■ 8.3902, 0.3911,
0.2768

■ 17.0079, 0.3243,
0.3181

■ 7.0928, 0.4154,
0.2684


■ 20.1091, 0.3138,
0.3279

■ 6.0965, 0.4424,
0.2625


■ 23.6209, 0.3052,
0.3370

■ 5.3761, 0.4711,
0.2603

■ 27.5575, 0.2980,
0.3455


 4.9023, 0.5001,
0.2627

 31.9327, 0.2921,
0.3532

 4.6011, 0.5256,
0.2669

 36.7595, 0.2872,
0.3604

 42.0503, 0.2831,
0.3669

 47.8171, 0.2797,
0.3729

Harmonies

Analogous

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



11.9749, 0.3099, 0.2734



11.9749, 0.3520, 0.2972



11.9749, 0.3844, 0.3289

Triad

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



11.9749, 0.3520, 0.2972



11.9749, 0.3520, 0.4040



11.9749, 0.2359, 0.2872

Complementary

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



11.9749, 0.3520, 0.2972



17.7486, 0.2853, 0.3634

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.



11.9749, 0.2455, 0.3225



11.9749, 0.3520, 0.2972



11.9749, 0.3112, 0.3947

Square

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



11.9749, 0.3520, 0.2972



11.9749, 0.3836, 0.3906



11.9749, 0.2724, 0.3634



11.9749, 0.2449, 0.2663

Rectangle

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



11.9749, 0.3520, 0.2972



11.9749, 0.3949, 0.3515



11.9749, 0.2724, 0.3634



11.9749, 0.2370, 0.2976

Sweetspot

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



11.9755, 0.3520, 0.2972



31.4995, 0.3221, 0.3201



11.3724, 0.2920, 0.2495



7.0179, 0.3234, 0.3189



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



11.9755, 0.3520, 0.2972



19.0193, 0.3637, 0.2901



12.2188, 0.3773, 0.3358



4.3712, 0.3219, 0.3202



4.8012, 0.5261, 0.2672



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.9755, 0.3520, 0.2972



19.0193, 0.3637, 0.2901



17.3159, 0.2691, 0.3221



4.3712, 0.3219, 0.3202



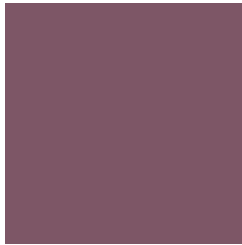
4.8012, 0.5261, 0.2672



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 11.9749, 0.3520, 0.2972 looks on a white background.

Color Contrast Check

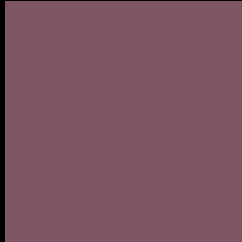
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.9749, 0.3520, 0.2972 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 11.9749, 0.3520, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 11.9749, 0.3520, 0.2972.



This preview shows how white text looks on a background with the Yxy color 11.9749, 0.3520, 0.2972.

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

11.9749, 0.3520, 0.2972

Protanopia

12.1403, 0.2951, 0.3021

Deuteranopia

11.9288, 0.3211, 0.3158



Tritanopia

11.9096, 0.3634, 0.3149

Trichromacy



Original Color

11.9749, 0.3520, 0.2972

Protanomaly

11.9951, 0.3156, 0.3009

Deuteranomaly

11.8665, 0.3312, 0.3077

Tritanomaly

11.9645, 0.3583, 0.3089

Monochromacy



Original Color

11.9749, 0.3520, 0.2972

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.1137, 0.3257, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9749, 0.3520, 0.2972 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(125, 86, 102)` looks like.

```
.text, #text, p{  
    color:rgb(125, 86, 102)  
}
```

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(125, 86, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 86, 102) }
```

Border

The CSS property to change the border of an element to Yxy 11.9749, 0.3520, 0.2972 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(125, 86, 102) }
```

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

```
.border{ border-color:rgb(125, 86, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 86, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 86, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 86, 102);  
box-shadow:4px 4px 4px 4px rgb(125, 86,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9749, 0.3520, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 86, 102) }
```

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

```
.background{ background-color: rgb(125, 86,  
102) }
```

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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