

Converting Colors

$Yxy(25.3437, 0.3824, 0.3412)$

Have a look what the booklet for
Yxy(25.3437, 0.3824, 0.3412)
contains.

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Color

Yxy(25.3437, 0.3824, 0.3412)

Conversions

Conversions Part 1

Format	Color
Hex	AF7E76
RGB	175, 126, 118
RGB Percent	69%, 49%, 46%
CMY	0.3139, 0.5058, 0.5373
CMYK	0.00, 0.28, 0.33, 0.31
HSL	8°, 26%, 57%
HSV	8°, 33%, 69%
XYZ	28.4040, 25.3437, 20.5305
YIQ	139.7390, 31.7720, 7.9000

Conversions

Conversions Part 2

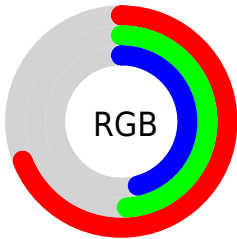
Format	Color
R_{YB}	175, 127, 118
Decimal	11501174
CIE _{Lab}	57.41, 17.87, 11.88
CIE _{LCh}	57, 21.457, 33.622
Yxy	25.3437, 0.3824, 0.3412
Android (android.graphics.Color)	4289691254 (0xFFAF7E76)
YUV	139.7390, -10.7173, 30.9239
Hunter-Lab	50.3425, 12.6128, 11.0604

Details

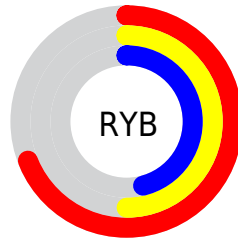
The Yxy color $25.3437, 0.3824, 0.3412$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $34.5581, 0.2655, 0.3163$, and the grayscale version is $26.1520, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.2983, 0.3677, 0.3394$, and $9.8149, 0.4081, 0.3440$ is the 20% darker color. If you saturate the color by 10%, you get $21.4066, 0.4139, 0.3450$, and if you desaturate by 10%, it is $29.9379, 0.3561, 0.3373$.

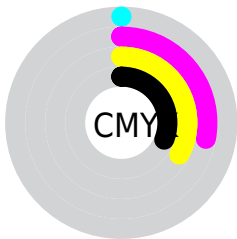
Distribution



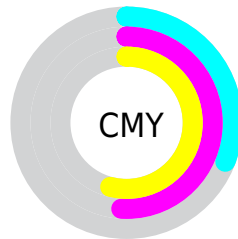
- Red (69%)
- Green (49%)
- Blue (46%)



- Red (69%)
- Yellow (50%)
- Blue (46%)



- Cyan (0%)
- Magenta (28%)
- Yellow (33%)
- Black (31%)




- Cyan (31%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3437, 0.3824, 0.3412 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 25.3437, 0.3824, 0.3412 by changing the saturation by 10% instead.


 25.3437, 0.3824,
0.3412


 25.3437, 0.3824,
0.3412


279.5453, 0.3437,
0.3354


 16.3333, 0.3936,
0.3424


 52.2143, 0.3673,
0.3392

 9.7603, 0.4089,
0.3438


 70.8432, 0.3619,
0.3384

 5.2403, 0.4312,
0.3451


 93.4471, 0.3575,
0.3378

 2.3890, 0.4664,
0.3455

120.4105, 0.3539,
0.3372

 0.8202, 0.5907,
0.3803

152.1175, 0.3507,
0.3366

 0.0000, 1.0000,
0.0000

188.9528, 0.3480,

 0.0000, 0.0000,


0.3362


0.0000


231.3005, 0.3457,
0.3358


 25.3437, 0.3824,
0.3412


 25.3437, 0.3824,
0.3412


 21.4066, 0.4139,
0.3450


 29.9379, 0.3561,
0.3373


 18.0931, 0.4507,
0.3483

 35.2137, 0.3345,
0.3335

 15.3721, 0.4920,
0.3505


 41.1985, 0.3167,
0.3299


 13.2083, 0.5353,
0.3509


 47.9174, 0.3022,
0.3266


 11.5628, 0.5760,
0.3489


 55.3942, 0.2902,
0.3236


 10.3913, 0.6087,
0.3443

 63.6515, 0.2802,
0.3208

 9.7911, 0.6266,
0.3406

 72.7111, 0.2720,
0.3184

 82.4015, 0.2665,
0.3193

 87.8501, 0.2676,
0.3289

Harmonies

Analogous

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



25.3437, 0.3603, 0.3114



25.3437, 0.3824, 0.3412



25.3437, 0.3844, 0.3699

Triad

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



25.3437, 0.3824, 0.3412



25.3437, 0.2974, 0.3776



25.3437, 0.2600, 0.2700

Complementary

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



25.3437, 0.3824, 0.3412



34.5581, 0.2655, 0.3163

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.



25.3437, 0.2456, 0.2832



25.3437, 0.3824, 0.3412



25.3437, 0.2661, 0.3455

Square

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



25.3437, 0.3824, 0.3412



25.3437, 0.3340, 0.3942



25.3437, 0.2477, 0.3102



25.3437, 0.2885, 0.2718

Rectangle

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



25.3437, 0.3824, 0.3412



25.3437, 0.3742, 0.3849



25.3437, 0.2477, 0.3102



25.3437, 0.2534, 0.2728

Sweetspot

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



25.3449, 0.3824, 0.3412



65.5407, 0.3299, 0.3326



24.8681, 0.3248, 0.2593



14.2519, 0.3325, 0.3331



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



25.3449, 0.3824, 0.3412



40.2769, 0.4042, 0.3439



33.5538, 0.3696, 0.3815



8.1907, 0.3283, 0.3323



7.0708, 0.6252, 0.3418



0.2518, 0.5804, 0.3773

Inverse Universe

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



34.5581, 0.2655, 0.3163



59.3169, 0.2565, 0.3131



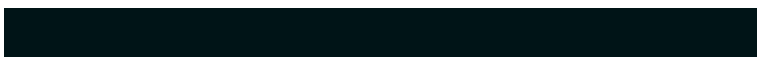
25.3753, 0.2599, 0.2701



8.8767, 0.2986, 0.3257



17.9807, 0.2124, 0.2845



0.5520, 0.2165, 0.2992

Previews

White Background



This preview shows how the Yxy color 25.3437, 0.3824, 0.3412 looks on a white 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

Black Background



This preview shows how the Yxy color 25.3437, 0.3824, 0.3412 looks on a black 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

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

Yxy 25.3437, 0.3824, 0.3412

Background



This preview shows how black text looks on a background with the Yxy color 25.3437, 0.3824, 0.3412.



This preview shows how white text looks on a background with the Yxy color 25.3437, 0.3824, 0.3412.

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

25.3437, 0.3824, 0.3412

Protanopia

25.5615, 0.3341, 0.3525

Deuteranopia

25.4303, 0.3612, 0.3547



Tritanopia

25.4559, 0.3670, 0.3159

Trichromacy



Original Color

25.3437, 0.3824, 0.3412

Protanomaly

25.4239, 0.3503, 0.3485

Deuteranomaly

25.2490, 0.3697, 0.3494

Tritanomaly

25.4559, 0.3717, 0.3247

Monochromacy



Original Color

25.3437, 0.3824, 0.3412

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.7662, 0.3365, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3437, 0.3824, 0.3412 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(175, 126, 118)` looks like.

```
.text, #text, p{  
    color:rgb(175, 126, 118)  
}
```

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(175, 126, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 126, 118) }
```

Border

The CSS property to change the border of an element to Yxy 25.3437, 0.3824, 0.3412 is called "border". The border property can be set on classes, ids or directly on the HTML element.

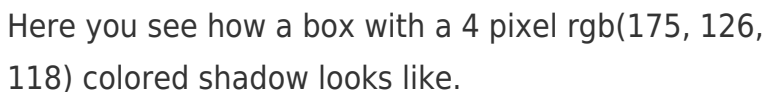
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 126, 118) }
```

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

```
.border{ border-color:rgb(175, 126, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 126, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 126, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 126, 118); box-shadow:4px 4px 4px 4px rgb(175, 126, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3437, 0.3824, 0.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 126, 118) }
```

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

```
.background{ background-color: rgb(175,  
126, 118) }
```

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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