

Converting Colors

$Y_{xy}(25.3992, 0.3889, 0.3605)$

Have a look what the booklet for
Yxy(25.3992, 0.3889, 0.3605)
contains.

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Color

Yxy(25.4412, 0.3882, 0.3611)

Conversions

Conversions Part 1

Format	Color
Hex	AB816C
RGB	171, 129, 108
RGB Percent	67%, 51%, 42%
CMY	0.3295, 0.4941, 0.5764
CMYK	0.00, 0.25, 0.37, 0.33
HSL	20°, 27%, 55%
HSV	20°, 37%, 67%
XYZ	27.3505, 25.4412, 17.6630
YIQ	139.1640, 31.7730, 2.3730

Conversions

Conversions Part 2

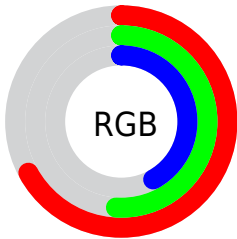
Format	Color
R_{YB}	171, 140, 108
Decimal	11239788
CIE _{Lab}	57.50, 13.28, 17.65
CIE _{LCh}	58, 22.089, 53.050
Yxy	25.4412, 0.3882, 0.3611
Android (android.graphics.Color)	4289429868 (0xFFAB816C)
YUV	139.1640, -15.3639, 27.9202
Hunter-Lab	50.4393, 8.5223, 14.5451

Details

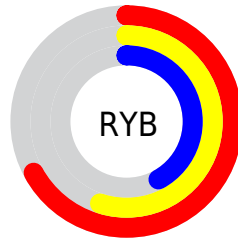
The Yxy color $25.4412, 0.3882, 0.3611$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $27.9431, 0.2573, 0.2941$, and the grayscale version is $25.9374, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.4879, 0.3720, 0.3545$, and $9.8455, 0.4165, 0.3721$ is the 20% darker color. If you saturate the color by 10%, you get $22.2753, 0.4168, 0.3698$, and if you desaturate by 10%, it is $29.0160, 0.3632, 0.3520$.

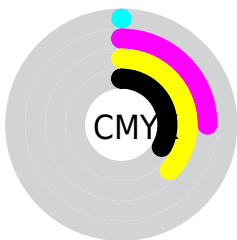
Distribution



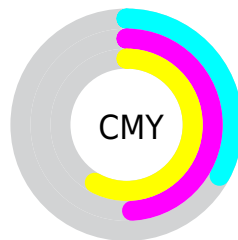
- Red (67%)
- Green (51%)
- Blue (42%)



- Red (67%)
- Yellow (55%)
- Blue (42%)



- Cyan (0%)
- Magenta (25%)
- Yellow (37%)
- Black (33%)



- Cyan (33%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4412, 0.3882, 0.3611 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 25.4412, 0.3882, 0.3611 by changing the saturation by 10% instead.


 25.4412, 0.3882,
0.3611


 25.4412, 0.3882,
0.3611


280.0281, 0.3464,
0.3446

 16.4061, 0.4001,
0.3652


 52.3721, 0.3719,
0.3551


 9.8120, 0.4164,
0.3704


 71.0366, 0.3662,
0.3528

 5.2745, 0.4398,
0.3768

 93.6797, 0.3614,
0.3509

 2.4092, 0.4758,
0.3845

 120.6859, 0.3574,
0.3493

 0.8306, 0.5793,
0.4207

152.4394, 0.3540,
0.3478

 0.0000, 1.0000,
0.0000

189.3246, 0.3511,

 0.0000, 0.0000,

0.3466

0.0000

231.7261, 0.3486,
0.3455

■ 25.4412, 0.3882,
0.3611

■ 25.4412, 0.3882,
0.3611

■ 22.2753, 0.4168,
0.3698

■ 29.0160, 0.3632,
0.3520

■ 19.4996, 0.4488,
0.3773

■ 33.0105, 0.3418,
0.3431

■ 17.0990, 0.4832,
0.3826

■ 37.4394, 0.3236,
0.3345

■ 15.0563, 0.5182,
0.3845

■ 42.3156, 0.3081,
0.3265

■ 13.3522, 0.5509,
0.3819

■ 47.6515, 0.2949,
0.3191

■ 11.9641, 0.5785,
0.3748

■ 53.4589, 0.2837,
0.3123

■ 11.5813, 0.5868,
0.3723

■ 59.7494, 0.2742,
0.3062

■ 66.5340, 0.2660,
0.3005

■ 73.3700, 0.2624,
0.3027

Harmonies

Analogous

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



25.4412, 0.3785, 0.3305



25.4412, 0.3882, 0.3611



25.4412, 0.3763, 0.3860

Triad

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



25.4412, 0.3882, 0.3611



25.4412, 0.2749, 0.3587



25.4412, 0.2761, 0.2680

Complementary

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



25.4412, 0.3882, 0.3611



27.9431, 0.2573, 0.2941

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.



25.4412, 0.2515, 0.2714



25.4412, 0.3882, 0.3611



25.4412, 0.2508, 0.3219

Square

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



25.4412, 0.3882, 0.3611



25.4412, 0.3100, 0.3874



25.4412, 0.2426, 0.2902



25.4412, 0.3118, 0.2788

Rectangle

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



25.4412, 0.3882, 0.3611



25.4412, 0.3583, 0.3954



25.4412, 0.2426, 0.2902



25.4412, 0.2664, 0.2674

Sweetspot

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



25.4424, 0.3882, 0.3611



63.4981, 0.3312, 0.3382



21.6227, 0.3410, 0.2657



13.9289, 0.3336, 0.3393



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



25.4424, 0.3882, 0.3611



41.0028, 0.4107, 0.3681



34.6889, 0.3724, 0.4040



8.4352, 0.3278, 0.3366



8.8201, 0.5850, 0.3737



0.3476, 0.5263, 0.4203

Inverse Universe

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



27.9431, 0.2573, 0.2941



46.1006, 0.2460, 0.2851



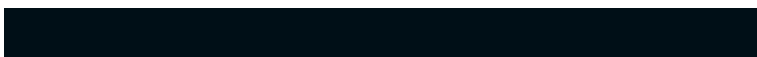
19.4586, 0.2498, 0.2406



8.6155, 0.2986, 0.3213



11.3902, 0.1939, 0.2181



0.4119, 0.2043, 0.2556

Previews

White Background



This preview shows how the Yxy color 25.4412, 0.3882, 0.3611 looks on a white background.

Color Contrast Check

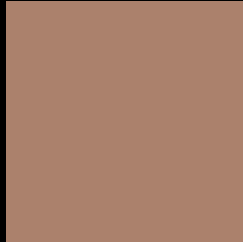
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4412, 0.3882, 0.3611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

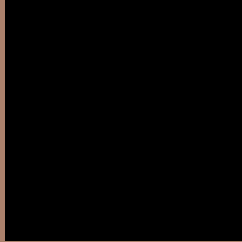
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4412, 0.3882, 0.3611

Background



This preview shows how black text looks on a background with the Yxy color 25.4412, 0.3882, 0.3611.



This preview shows how white text looks on a background with the Yxy color 25.4412, 0.3882, 0.3611.

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

25.4412, 0.3882, 0.3611

Protanopia

25.5499, 0.3506, 0.3725

Deuteranopia

25.5180, 0.3764, 0.3702



Tritanopia

25.4152, 0.3606, 0.3143

Trichromacy



Original Color

25.4412, 0.3882, 0.3611

Protanomaly

25.5436, 0.3636, 0.3679

Deuteranomaly

25.5634, 0.3805, 0.3682

Tritanomaly

25.2866, 0.3713, 0.3307

Monochromacy



Original Color

25.4412, 0.3882, 0.3611

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.4658, 0.3386, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4412, 0.3882, 0.3611 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(171, 129, 108)` looks like.

```
.text, #text, p{  
    color:rgb(171, 129, 108)  
}
```

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(171, 129, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 129, 108) }
```

Border

The CSS property to change the border of an element to Yxy 25.4412, 0.3882, 0.3611 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(171, 129, 108) }
```

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

```
.border{ border-color:rgb(171, 129, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 129, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 129, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 129, 108);  
box-shadow:4px 4px 4px 4px rgb(171, 129,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4412, 0.3882, 0.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 129, 108) }
```

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

```
.background{ background-color: rgb(171,  
129, 108) }
```

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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