

Converting Colors

$Y_{xy}(25.9610, 0.3892, 0.3631)$

Have a look what the booklet for
Yxy(25.9610, 0.3892, 0.3631)
contains.

Yxy(25.8186, 0.3889, 0.3625)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.8186, 0.3889, 0.3625)

Conversions

Conversions Part 1

Format	Color
Hex	AC826C
RGB	172, 130, 108
RGB Percent	67%, 51%, 42%
CMY	0.3256, 0.4901, 0.5765
CMYK	0.00, 0.24, 0.37, 0.33
HSL	21°, 28%, 55%
HSV	21°, 37%, 67%
XYZ	27.6989, 25.8186, 17.7062
YIQ	140.0500, 32.0940, 2.0620

Conversions

Conversions Part 2

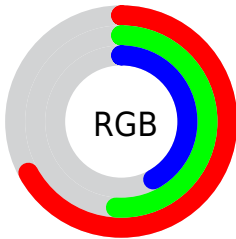
Format	Color
R_{YB}	172, 142, 108
Decimal	11305580
CIE _{Lab}	57.86, 13.11, 18.19
CIE _{LCh}	58, 22.422, 54.205
Yxy	25.8186, 0.3889, 0.3625
Android (android.graphics.Color)	4289495660 (0xFFAC826C)
YUV	140.0500, -15.8007, 28.0201
Hunter-Lab	50.8120, 8.3838, 14.9079

Details

The Yxy color $25.8186, 0.3889, 0.3625$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $27.9624, 0.2565, 0.2925$, and the grayscale version is $26.2990, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.0631, 0.3725, 0.3556$, and $10.0627, 0.4172, 0.3738$ is the 20% darker color. If you saturate the color by 10%, you get $22.6510, 0.4174, 0.3714$, and if you desaturate by 10%, it is $29.3898, 0.3640, 0.3532$.

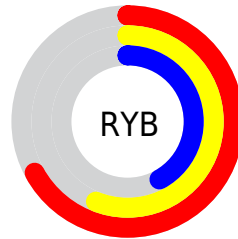
Distribution



Red (67%)

Green (51%)

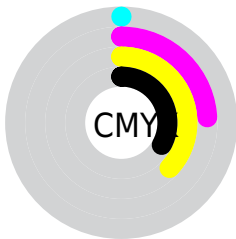
Blue (42%)



Red (67%)

Yellow (56%)

Blue (42%)

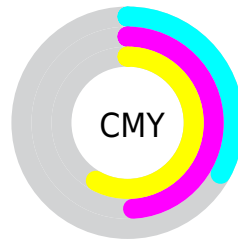


Cyan (0%)

Magenta (24%)

Yellow (37%)

Black (33%)



Cyan (33%)


Magenta (49%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8186, 0.3889, 0.3625 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 25.8186, 0.3889, 0.3625 by changing the saturation by 10% instead.


 25.8186, 0.3889,
0.3625


 25.8186, 0.3889,
0.3625


281.8905, 0.3468,
0.3453


 16.6880, 0.4009,
0.3668


 52.9822, 0.3726,
0.3562


 10.0123, 0.4171,
0.3722


 71.7839, 0.3667,
0.3538

 5.4071, 0.4404,
0.3789

 94.5781, 0.3620,
0.3519

 2.4880, 0.4760,
0.3869

 121.7492, 0.3579,
0.3502

 0.8706, 0.5767,
0.4233

153.6816, 0.3545,
0.3487

 0.0000, 1.0000,
0.0000

190.7597, 0.3516,

 0.0000, 0.0000,

0.3474

0.0000

233.3678, 0.3490,
0.3463

■ 25.8186, 0.3889,
0.3625

■ 25.8186, 0.3889,
0.3625

■ 22.6510, 0.4174,
0.3714

■ 29.3898, 0.3640,
0.3532

■ 19.8685, 0.4491,
0.3791

■ 33.3749, 0.3425,
0.3439

■ 17.4564, 0.4832,
0.3846

■ 37.7884, 0.3242,
0.3350

■ 15.3978, 0.5176,
0.3865

■ 42.6430, 0.3086,
0.3267

■ 13.6738, 0.5497,
0.3839

■ 47.9508, 0.2954,
0.3191

■ 12.2620, 0.5768,
0.3767

■ 53.7235, 0.2841,
0.3120

■ 11.9171, 0.5840,
0.3745

■ 59.9722, 0.2744,
0.3056

■ 66.7077, 0.2662,
0.2998

■ 73.4300, 0.2629,
0.3026

Harmonies

Analogous

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



25.8186, 0.3799, 0.3316



25.8186, 0.3889, 0.3625



25.8186, 0.3760, 0.3873

Triad

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



25.8186, 0.3889, 0.3625



25.8186, 0.2734, 0.3576



25.8186, 0.2770, 0.2676

Complementary

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



25.8186, 0.3889, 0.3625



27.9624, 0.2565, 0.2925

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.



25.8186, 0.2516, 0.2705



25.8186, 0.3889, 0.3625



25.8186, 0.2496, 0.3204

Square

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



25.8186, 0.3889, 0.3625



25.8186, 0.3085, 0.3872



25.8186, 0.2419, 0.2888



25.8186, 0.3133, 0.2790

Rectangle

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



25.8186, 0.3889, 0.3625



25.8186, 0.3575, 0.3963



25.8186, 0.2419, 0.2888



25.8186, 0.2670, 0.2668

Sweetspot

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



25.8198, 0.3889, 0.3625



65.2838, 0.3312, 0.3385



21.7133, 0.3427, 0.2665



13.9605, 0.3335, 0.3397



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.



25.8198, 0.3889, 0.3625



41.8670, 0.4132, 0.3702



35.4510, 0.3725, 0.4062



8.4493, 0.3278, 0.3369



8.9640, 0.5821, 0.3760



0.3531, 0.5238, 0.4223

Inverse Universe

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



27.9624, 0.2565, 0.2925



46.3168, 0.2443, 0.2824



19.2756, 0.2487, 0.2376



8.6008, 0.2986, 0.3210



11.0762, 0.1928, 0.2142



0.4047, 0.2036, 0.2531

Previews

White Background



This preview shows how the Yxy color 25.8186, 0.3889, 0.3625 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 25.8186, 0.3889, 0.3625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

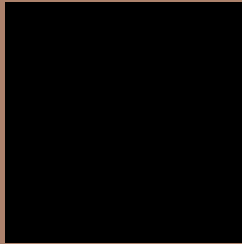
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8186, 0.3889, 0.3625

Background



This preview shows how black text looks on a background with the Yxy color 25.8186, 0.3889, 0.3625.



This preview shows how white text looks on a background with the Yxy color 25.8186, 0.3889, 0.3625.

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

25.8186, 0.3889, 0.3625

Protanopia

25.9310, 0.3514, 0.3739

Deuteranopia

25.8983, 0.3771, 0.3715



Tritanopia

25.8132, 0.3603, 0.3144

Trichromacy



Original Color

25.8186, 0.3889, 0.3625

Protanomaly

25.9241, 0.3644, 0.3693

Deuteranomaly

25.9436, 0.3812, 0.3695

Tritanomaly

25.6838, 0.3709, 0.3307

Monochromacy



Original Color

25.8186, 0.3889, 0.3625

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.8422, 0.3395, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8186, 0.3889, 0.3625 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(172, 130, 108)` looks like.

```
.text, #text, p{  
    color:rgb(172, 130, 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(172, 130, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 130, 108) }
```

Border

The CSS property to change the border of an element to Yxy 25.8186, 0.3889, 0.3625 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(172, 130, 108) }
```

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

```
.border{ border-color:rgb(172, 130, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 130, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 130, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 130, 108);  
box-shadow:4px 4px 4px 4px rgb(172, 130,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8186, 0.3889, 0.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 130, 108) }
```

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

```
.background{ background-color: rgb(172,  
130, 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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