

Converting Colors

$Y_{xy}(25.1980, 0.3792, 0.3603)$

Have a look what the booklet for
Yxy(25.1980, 0.3792, 0.3603)
contains.

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Color

Yxy(25.1980, 0.3792, 0.3603)

Conversions

Conversions Part 1

Format	Color
Hex	A6826E
RGB	166, 130, 110
RGB Percent	65%, 51%, 43%
CMY	0.3491, 0.4901, 0.5686
CMYK	0.00, 0.22, 0.34, 0.35
HSL	21°, 24%, 54%
HSV	21°, 34%, 65%
XYZ	26.5198, 25.1980, 18.2184
YIQ	138.4840, 27.8760, 1.4120

Conversions

Conversions Part 2

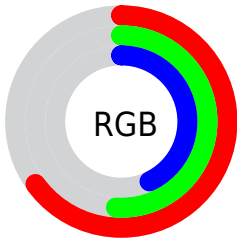
Format	Color
R _Y B	166, 141, 110
Decimal	10912366
CIE Lab	57.27, 10.91, 16.12
CIE LCh	57, 19.464, 55.893
Yxy	25.1980, 0.3792, 0.3603
Android (android.graphics.Color)	4289102446 (0xFFA6826E)
YUV	138.4840, -14.0426, 24.1315
Hunter-Lab	50.1976, 6.4571, 13.6200

Details

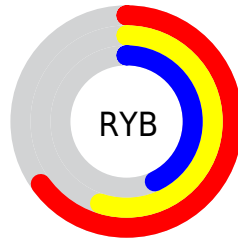
The Yxy color $25.1980, 0.3792, 0.3603$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $26.6160, 0.2616, 0.2952$, and the grayscale version is $25.6572, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.0052, 0.3645, 0.3538$, and $9.7434, 0.4047, 0.3713$ is the 20% darker color. If you saturate the color by 10%, you get $22.1788, 0.4060, 0.3698$, and if you desaturate by 10%, it is $28.5814, 0.3558, 0.3506$.

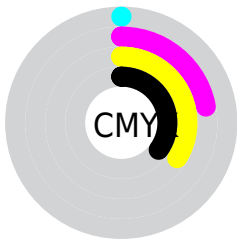
Distribution



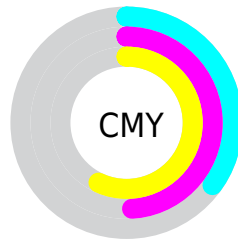
- Red (65%)
- Green (51%)
- Blue (43%)



- Red (65%)
- Yellow (55%)
- Blue (43%)



- Cyan (0%)
- Magenta (22%)
- Yellow (34%)
- Black (35%)





- Cyan (35%)
- Magenta (49%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1980, 0.3792, 0.3603 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 25.1980, 0.3792, 0.3603 by changing the saturation by 10% instead.


 25.1980, 0.3792,
0.3603


 25.1980, 0.3792,
0.3603


278.8226, 0.3423,
0.3439


 16.2246, 0.3898,
0.3645


 51.9783, 0.3648,
0.3542


 9.6832, 0.4042,
0.3700


 70.5539, 0.3597,
0.3520

 5.1895, 0.4251,
0.3771

 93.0992, 0.3556,
0.3501

 2.3588, 0.4575,
0.3862

 119.9984, 0.3520,
0.3485

 0.8046, 0.5652,
0.4348

151.6359, 0.3491,
0.3471

 0.0000, 0.0000,
0.0000

188.3962, 0.3465,

0.3459

230.6636, 0.3443,
0.3448

■ 25.1980, 0.3792,
0.3603

■ 25.1980, 0.3792,
0.3603

■ 22.1788, 0.4060,
0.3698

■ 28.5814, 0.3558,
0.3506

■ 19.5076, 0.4362,
0.3783

■ 32.3374, 0.3357,
0.3412

■ 17.1720, 0.4689,
0.3850


■ 36.4787, 0.3185,
0.3322


■ 15.1574, 0.5027,
0.3886


■ 41.0163, 0.3038,
0.3238


■ 13.4482, 0.5353,
0.3881


■ 45.9605, 0.2913,
0.3161

 12.0268, 0.5639,
0.3825

 51.3215, 0.2806,
0.3090

 11.2669, 0.5800,
0.3777

 57.1090, 0.2714,
0.3026

 63.3323, 0.2635,
0.2967

 69.7149, 0.2588,
0.2960

Harmonies

Analogous

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



25.1980, 0.3724, 0.3332



25.1980, 0.3792, 0.3603



25.1980, 0.3672, 0.3812

Triad

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



25.1980, 0.3792, 0.3603



25.1980, 0.2768, 0.3522



25.1980, 0.2830, 0.2750

Complementary

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



25.1980, 0.3792, 0.3603



26.6160, 0.2616, 0.2952

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.



25.1980, 0.2598, 0.2770



25.1980, 0.3792, 0.3603



25.1980, 0.2563, 0.3200

Square

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



25.1980, 0.3792, 0.3603



25.1980, 0.3074, 0.3784



25.1980, 0.2504, 0.2927



25.1980, 0.3153, 0.2857

Rectangle

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



25.1980, 0.3792, 0.3603



25.1980, 0.3506, 0.3882



25.1980, 0.2504, 0.2927



25.1980, 0.2740, 0.2742

Sweetspot

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



25.1992, 0.3792, 0.3603



61.2853, 0.3293, 0.3379



21.3447, 0.3402, 0.2739



13.4916, 0.3317, 0.3392



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



25.1992, 0.3792, 0.3603



41.8309, 0.3977, 0.3670



33.5422, 0.3661, 0.4001



7.9648, 0.3277, 0.3371



8.8208, 0.5784, 0.3790



0.3113, 0.5167, 0.4279

Inverse Universe

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



26.6160, 0.2616, 0.2952



44.7624, 0.2513, 0.2869



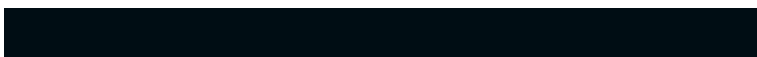
19.1188, 0.2554, 0.2462



8.0741, 0.2987, 0.3207



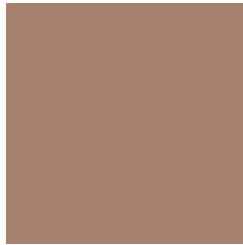
10.3250, 0.1916, 0.2097



0.3426, 0.2038, 0.2537

Previews

White Background



This preview shows how the Yxy color 25.1980, 0.3792, 0.3603 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 25.1980, 0.3792, 0.3603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

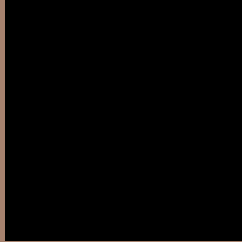
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1980, 0.3792, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 25.1980, 0.3792, 0.3603.



This preview shows how white text looks on a background with the Yxy color 25.1980, 0.3792, 0.3603.

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

25.1980, 0.3792, 0.3603

Protanopia

25.2172, 0.3476, 0.3677

Deuteranopia

25.2054, 0.3722, 0.3641



Tritanopia

25.1343, 0.3531, 0.3140

Trichromacy



Original Color

25.1980, 0.3792, 0.3603

Protanomaly

25.0148, 0.3581, 0.3635

Deuteranomaly

25.1449, 0.3751, 0.3623

Tritanomaly

25.0359, 0.3624, 0.3291

Monochromacy



Original Color

25.1980, 0.3792, 0.3603

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.1824, 0.3351, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1980, 0.3792, 0.3603 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(166, 130, 110)` looks like.

```
.text, #text, p{  
    color:rgb(166, 130, 110)  
}
```

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(166, 130, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 130, 110) }
```

Border

The CSS property to change the border of an element to Yxy 25.1980, 0.3792, 0.3603 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(166, 130, 110) }
```

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

```
.border{ border-color:rgb(166, 130, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 130, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 130, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 130, 110);  
box-shadow:4px 4px 4px 4px rgb(166, 130,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1980, 0.3792, 0.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 130, 110) }
```

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

```
.background{ background-color: rgb(166,  
130, 110) }
```

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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