

Converting Colors

$Y_{xy}(27.4886, 0.3750, 0.3812)$

Have a look what the booklet for
Yxy(27.4886, 0.3750, 0.3812)
contains.

Yxy(27.5833, 0.3751, 0.3820)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.5833, 0.3751, 0.3820)

Conversions

Conversions Part 1

Format	Color
Hex	A38C6A
RGB	163, 140, 106
RGB Percent	64%, 55%, 42%
CMY	0.3608, 0.4510, 0.5842
CMYK	0.00, 0.14, 0.35, 0.36
HSL	36°, 24%, 53%
HSV	36°, 35%, 64%
XYZ	27.0851, 27.5833, 17.5392
YIQ	143.0010, 24.6220, -5.6980

Conversions

Conversions Part 2

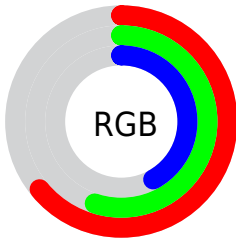
Format	Color
R_{YB}	145, 163, 106
Decimal	10718314
CIE _{Lab}	59.51, 3.55, 21.37
CIE _{LCh}	60, 21.663, 80.560
Yxy	27.5833, 0.3751, 0.3820
Android (android.graphics.Color)	4288908394 (0xFFA38C6A)
YUV	143.0010, -18.2415, 17.5391
Hunter-Lab	52.5198, 0.1448, 16.9637

Details

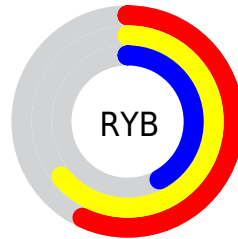
The Yxy color $27.5833, 0.3751, 0.3820$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $21.4175, 0.2566, 0.2693$, and the grayscale version is $27.5368, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.6686, 0.3622, 0.3703$, and $10.9328, 0.3971, 0.4001$ is the 20% darker color. If you saturate the color by 10%, you get $25.4111, 0.3968, 0.3972$, and if you desaturate by 10%, it is $29.9376, 0.3550, 0.3664$.

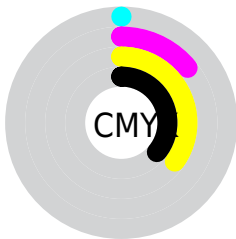
Distribution



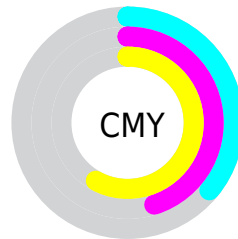
- Red (64%)
- Green (55%)
- Blue (42%)



- Red (57%)
- Yellow (64%)
- Blue (42%)



- Cyan (0%)
- Magenta (14%)
- Yellow (35%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5833, 0.3751, 0.3820 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 27.5833, 0.3751, 0.3820 by changing the saturation by 10% instead.

 27.5833, 0.3751,
0.3820


 27.5833, 0.3751,
0.3820


290.4704, 0.3413,
0.3538


 18.0118, 0.3844,
0.3895


 55.8185, 0.3622,
0.3714

 10.9584, 0.3968,
0.3994


 75.2509, 0.3575,
0.3675

 6.0389, 0.4140,
0.4128


 98.7391, 0.3536,
0.3642

 2.8687, 0.4394,
0.4316

 126.6675, 0.3504,
0.3615

 1.0636, 0.5111,
0.4889

159.4204, 0.3476,
0.3591

 0.0000, 1.0000,
0.0000

197.3822, 0.3452,

 0.0000, 0.0000,

0.3571

0.0000

240.9374, 0.3431,
0.3553

■ 27.5833, 0.3751,
0.3820

■ 27.5833, 0.3751,
0.3820

■ 25.4111, 0.3968,
0.3972

■ 29.9376, 0.3550,
0.3664

■ 23.4114, 0.4196,
0.4112

■ 32.4753, 0.3367,
0.3509

■ 21.5794, 0.4427,
0.4228

■ 35.2029, 0.3202,
0.3361

■ 19.9086, 0.4652,
0.4311

■ 38.1252, 0.3055,
0.3220

■ 18.3916, 0.4857,
0.4348

■ 41.2466, 0.2925,
0.3089

■ 17.0196, 0.5033,
0.4335

■ 44.5716, 0.2810,
0.2968

■ 16.3734, 0.5117,
0.4319

■ 48.1045, 0.2709,
0.2857

■ 51.8493, 0.2619,
0.2754

■ 55.8099, 0.2540,
0.2661

Harmonies

Analogous

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



27.5833, 0.3848, 0.3575



27.5833, 0.3751, 0.3820



27.5833, 0.3485, 0.3936

Triad

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



27.5833, 0.3751, 0.3820



27.5833, 0.2549, 0.3252



27.5833, 0.3089, 0.2796

Complementary

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



27.5833, 0.3751, 0.3820



21.4175, 0.2566, 0.2693

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.



27.5833, 0.2753, 0.2703



27.5833, 0.3751, 0.3820



27.5833, 0.2456, 0.2941

Square

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



27.5833, 0.3751, 0.3820



27.5833, 0.2791, 0.3601



27.5833, 0.2528, 0.2749



27.5833, 0.3453, 0.3002

Rectangle

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



27.5833, 0.3751, 0.3820



27.5833, 0.3254, 0.3909



27.5833, 0.2528, 0.2749



27.5833, 0.2969, 0.2751

Sweetspot

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



27.5846, 0.3751, 0.3820



60.4461, 0.3286, 0.3438



19.7057, 0.3594, 0.2918



13.4301, 0.3308, 0.3458



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



27.5846, 0.3751, 0.3820



46.3281, 0.3920, 0.3940



34.5307, 0.3591, 0.4155



7.7552, 0.3271, 0.3424



12.8156, 0.5106, 0.4328



0.3584, 0.4700, 0.4650

Inverse Universe

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



21.4175, 0.2566, 0.2693



33.6018, 0.2434, 0.2531



16.3229, 0.2560, 0.2284



7.3074, 0.2987, 0.3152



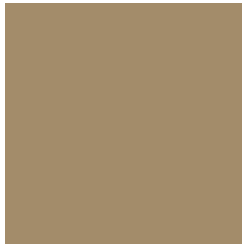
5.1497, 0.1696, 0.1307



0.1996, 0.1899, 0.2036

Previews

White Background



This preview shows how the Yxy color 27.5833, 0.3751, 0.3820 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 27.5833, 0.3751, 0.3820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

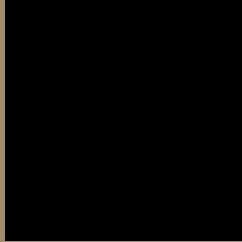
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5833, 0.3751, 0.3820

Background



This preview shows how black text looks on a background with the Yxy color 27.5833, 0.3751, 0.3820.



This preview shows how white text looks on a background with the Yxy color 27.5833, 0.3751, 0.3820.

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

27.5833, 0.3751, 0.3820

Protanopia

27.5765, 0.3621, 0.3870

Deuteranopia

27.3879, 0.3827, 0.3748



Tritanopia

27.5878, 0.3382, 0.3140

Trichromacy



Original Color

27.5833, 0.3751, 0.3820

Protanomaly

27.5756, 0.3661, 0.3848

Deuteranomaly

27.4540, 0.3798, 0.3767

Tritanomaly

27.6370, 0.3521, 0.3383

Monochromacy



Original Color

27.5833, 0.3751, 0.3820

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.4417, 0.3337, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5833, 0.3751, 0.3820 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(163, 140, 106)` looks like.

```
.text, #text, p{  
    color:rgb(163, 140, 106)  
}
```

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(163, 140, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 140, 106) }
```

Border

The CSS property to change the border of an element to Yxy 27.5833, 0.3751, 0.3820 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(163, 140, 106) }
```

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

```
.border{ border-color:rgb(163, 140, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 140, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 140, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 140, 106); box-shadow:4px 4px 4px 4px rgb(163, 140, 106) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5833, 0.3751, 0.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 140, 106) }
```

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

```
.background{ background-color: rgb(163,  
140, 106) }
```

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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