

Converting Colors

$Y_{xy}(13.7851, 0.3832, 0.3606)$

Have a look what the booklet for
Yxy(13.7851, 0.3832, 0.3606)
contains.

Yxy(13.6706, 0.3821, 0.3590) 3

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Color

Yxy(13.6706, 0.3821, 0.3590)

Conversions

Conversions Part 1	
Format	Color
Hex	7F6152
RGB	127, 97, 82
RGB Percent	50%, 38%, 32%
CMY	0.5020, 0.6196, 0.6783
CMYK	0.00, 0.24, 0.35, 0.50
HSL	20°, 22%, 41%
HSV	20°, 35%, 50%
XYZ	14.5502, 13.6706, 9.8588
YIQ	104.2600, 22.6950, 1.6950

Conversions

Conversions Part 2

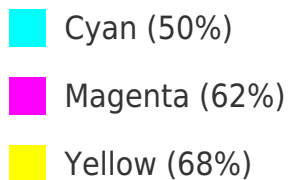
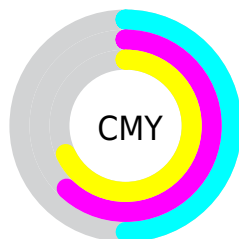
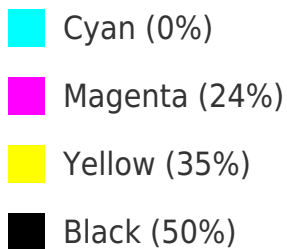
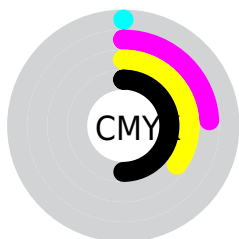
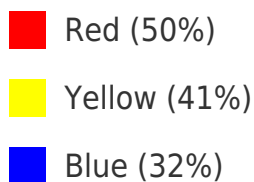
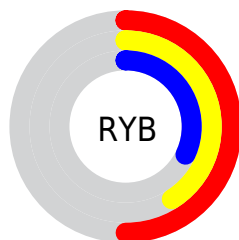
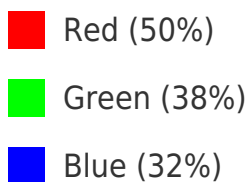
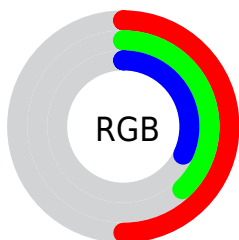
Format	Color
RYB	127, 105, 82
Decimal	8347986
CIELab	43.76, 9.90, 13.22
CIELCh	44, 16.517, 53.169
Yxy	13.6706, 0.3821, 0.3590
Android (android.graphics.Color)	4286538066 (0xFF7F6152)
YUV	104.2600, -10.9742, 19.9430
Hunter-Lab	36.9738, 5.5408, 10.0723

Details

The Yxy color $13.6706, 0.3821, 0.3590$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $14.9187, 0.2606, 0.2966$, and the grayscale version is $13.9428, 0.3127, 0.3290$.

A 20% lighter version of the original color is $32.6423, 0.3653, 0.3533$, and $4.0790, 0.4180, 0.3724$ is the 20% darker color. If you saturate the color by 10%, you get $12.0128, 0.4091, 0.3676$, and if you desaturate by 10%, it is $15.5326, 0.3586, 0.3502$.


Distribution



Brightness & Saturation Gradients


These gradients show how the Yxy color 13.6706, 0.3821, 0.3590 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 13.6706, 0.3821, 0.3590 by changing the saturation by 10% instead.


 13.6706, 0.3821,
0.3590


 13.6706, 0.3821,
0.3590


215.1719, 0.3401,
0.3419


 7.8919, 0.3961,
0.3640


 32.5034, 0.3646,
0.3522

 4.0259, 0.4170,
0.3707


 46.3263, 0.3587,
0.3499


 1.6880, 0.4530,
0.3813

 63.5994, 0.3541,
0.3479

 0.4159, 0.6050,
0.3950

 84.7072, 0.3503,
0.3463


 0.0000, 0.0000,
0.0000


 110.0339, 0.3471,
0.3449


139.9640, 0.3444,


0.3438


174.8818, 0.3421,
0.3428


 13.6706, 0.3821,
0.3590


 13.6706, 0.3821,
0.3590


 12.0128, 0.4091,
0.3676


 15.5326, 0.3586,
0.3502


 10.5502, 0.4395,
0.3753


 17.6037, 0.3383,
0.3415


 9.2756, 0.4725,
0.3812


 19.8910, 0.3210,
0.3332


 8.1808, 0.5067,
0.3843


 22.4007, 0.3062,
0.3255

 7.2570, 0.5396,
0.3834

 25.1388, 0.2937,
0.3184


 6.4931, 0.5690,
0.3782

 28.1110, 0.2829,
0.3118

 6.1892, 0.5823,
0.3758

 31.3227, 0.2737,
0.3059

 34.7793, 0.2658,
0.3004

 38.4859, 0.2590,
0.2954

Harmonies

Analogous

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



13.6706, 0.3732, 0.3307



13.6706, 0.3821, 0.3590



13.6706, 0.3712, 0.3817

Triad

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



13.6706, 0.3821, 0.3590



13.6706, 0.2779, 0.3561



13.6706, 0.2792, 0.2726

Complementary

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



13.6706, 0.3821, 0.3590



14.9187, 0.2606, 0.2966

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.



13.6706, 0.2563, 0.2759



13.6706, 0.3821, 0.3590



13.6706, 0.2555, 0.3226

Square

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



13.6706, 0.3821, 0.3590



13.6706, 0.3103, 0.3823



13.6706, 0.2479, 0.2933



13.6706, 0.3121, 0.2826

Rectangle

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



13.6706, 0.3821, 0.3590



13.6706, 0.3547, 0.3900



13.6706, 0.2479, 0.2933



13.6706, 0.2701, 0.2721

Sweetspot

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



13.6712, 0.3821, 0.3590



33.1792, 0.3308, 0.3380



11.7364, 0.3387, 0.2697



7.6630, 0.3327, 0.3389



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



13.6712, 0.3821, 0.3590



22.1979, 0.4023, 0.3656



18.2556, 0.3684, 0.3993



4.5602, 0.3271, 0.3362



6.2400, 0.5824, 0.3758



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.9187, 0.2606, 0.2966



24.7515, 0.2500, 0.2884



10.6846, 0.2542, 0.2471



4.6530, 0.2993, 0.3217



8.0470, 0.1944, 0.2199



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 13.6706, 0.3821, 0.3590 looks on a white 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

Black Background



This preview shows how the Yxy color 13.6706, 0.3821, 0.3590 looks on a black 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

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

Yxy 13.6706, 0.3821, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 13.6706, 0.3821, 0.3590.



This preview shows how white text looks on a background with the Yxy color 13.6706, 0.3821, 0.3590.

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

13.6706, 0.3821, 0.3590

Protanopia

13.6714, 0.3478, 0.3681

Deuteranopia

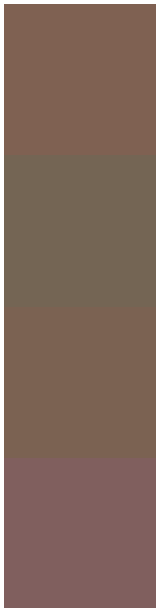
13.5978, 0.3714, 0.3641



Tritanopia

13.6121, 0.3571, 0.3155

Trichromacy



Original Color
13.6706, 0.3821, 0.3590

Protanomaly
13.6605, 0.3595, 0.3649

Deuteranomaly
13.5555, 0.3752, 0.3617

Tritanomaly
13.5818, 0.3661, 0.3311

Monochromacy



Original Color
13.6706, 0.3821, 0.3590

Achromatopsia
13.8432, 0.3127, 0.3290

Achromatomaly
13.5966, 0.3360, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.6706, 0.3821, 0.3590 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(127, 97, 82)` looks like.

```
.text, #text, p{  
    color:rgb(127, 97, 82)  
}
```

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(127, 97, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 97, 82) }
```

Border

The CSS property to change the border of an element to Yxy 13.6706, 0.3821, 0.3590 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(127, 97, 82) }
```

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

```
.border{ border-color:rgb(127, 97, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 97, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 97, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 97, 82);  
box-shadow:4px 4px 4px 4px rgb(127, 97,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 13.6706, 0.3821, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 97, 82) }
```

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

```
.background{ background-color: rgb(127, 97,  
82) }
```

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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