

Converting Colors

$Y_{xy}(24.1306, 0.3717, 0.3621)$

Have a look what the booklet for
Yxy(24.1306, 0.3717, 0.3621)
contains.

Yxy(24.0737, 0.3711, 0.3615)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.0737, 0.3711, 0.3615)

Conversions

Conversions Part 1

Format	Color
Hex	9E816D
RGB	158, 129, 109
RGB Percent	62%, 51%, 43%
CMY	0.3803, 0.4941, 0.5726
CMYK	0.00, 0.18, 0.31, 0.38
HSL	24°, 20%, 52%
HSV	24°, 31%, 62%
XYZ	24.7130, 24.0737, 17.8072
YIQ	135.3910, 23.7040, -0.0720

Conversions

Conversions Part 2

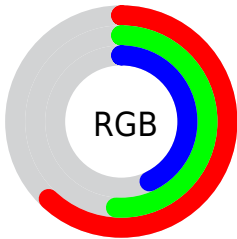
Format	Color
R_{YB}	158, 143, 109
Decimal	10387821
CIE _{Lab}	56.16, 8.09, 15.04
CIE _{LCh}	56, 17.080, 61.737
Yxy	24.0737, 0.3711, 0.3615
Android (android.graphics.Color)	4288577901 (0xFF9E816D)
YUV	135.3910, -13.0108, 19.8281
Hunter-Lab	49.0650, 4.0431, 12.8273

Details

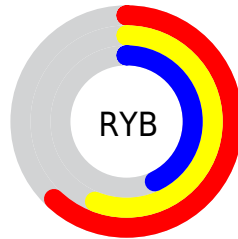
The Yxy color $24.0737, 0.3711, 0.3615$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $23.8974, 0.2653, 0.2940$, and the grayscale version is $24.4247, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.1752, 0.3576, 0.3546$, and $9.1384, 0.3947, 0.3736$ is the 20% darker color. If you saturate the color by 10%, you get $21.4126, 0.3958, 0.3724$, and if you desaturate by 10%, it is $27.0238, 0.3494, 0.3506$.

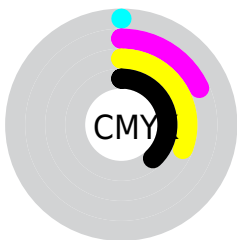
Distribution



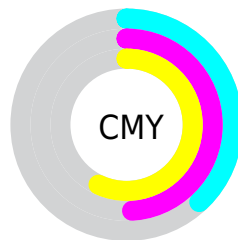
- Red (62%)
- Green (51%)
- Blue (43%)



- Red (62%)
- Yellow (56%)
- Blue (43%)



- Cyan (0%)
- Magenta (18%)
- Yellow (31%)
- Black (38%)





- Cyan (38%)
- Magenta (49%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0737, 0.3711, 0.3615 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 24.0737, 0.3711, 0.3615 by changing the saturation by 10% instead.


 24.0737, 0.3711,
0.3615


 24.0737, 0.3711,
0.3615


273.1929, 0.3385,
0.3441

 15.3883, 0.3805,
0.3662


 50.1504, 0.3584,
0.3549

 9.0924, 0.3935,
0.3724


 68.3106, 0.3539,
0.3525

 4.8015, 0.4124,
0.3808

 90.3977, 0.3502,
0.3505

 2.1313, 0.4423,
0.3926

 116.7963, 0.3471,
0.3488

 0.6821, 0.5536,
0.4464

147.8907, 0.3444,
0.3474

 0.0000, 0.0000,
0.0000

184.0654, 0.3422,

0.3461

225.7046, 0.3402,
0.3451

■ 24.0737, 0.3711,
0.3615

■ 24.0737, 0.3711,
0.3615

■ 21.4126, 0.3958,
0.3724

■ 27.0238, 0.3494,
0.3506

■ 19.0277, 0.4234,
0.3825

■ 30.2683, 0.3305,
0.3400

■ 16.9104, 0.4534,
0.3910


■ 33.8167, 0.3143,
0.3300


■ 15.0500, 0.4847,
0.3968


■ 37.6771, 0.3003,
0.3207


■ 13.4352, 0.5153,
0.3985


■ 41.8573, 0.2882,
0.3121


 12.0534, 0.5431,
0.3953

 46.3646, 0.2778,
0.3042

 10.9943, 0.5653,
0.3893

 51.2063, 0.2689,
0.2970

 56.3893, 0.2611,
0.2904

 61.9204, 0.2543,
0.2843

Harmonies

Analogous

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



24.0737, 0.3683, 0.3379



24.0737, 0.3711, 0.3615



24.0737, 0.3575, 0.3781

Triad

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



24.0737, 0.3711, 0.3615



24.0737, 0.2762, 0.3442



24.0737, 0.2915, 0.2816

Complementary

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



24.0737, 0.3711, 0.3615



23.8974, 0.2653, 0.2940

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.



24.0737, 0.2686, 0.2812



24.0737, 0.3711, 0.3615



24.0737, 0.2601, 0.3159

Square

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



24.0737, 0.3711, 0.3615



24.0737, 0.3024, 0.3691



24.0737, 0.2574, 0.2931



24.0737, 0.3211, 0.2932

Rectangle

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



24.0737, 0.3711, 0.3615



24.0737, 0.3415, 0.3821



24.0737, 0.2574, 0.2931



24.0737, 0.2828, 0.2801

Sweetspot

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



24.0748, 0.3711, 0.3615



56.1062, 0.3273, 0.3381



20.0514, 0.3405, 0.2823



12.4548, 0.3297, 0.3395



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



24.0748, 0.3711, 0.3615



40.4178, 0.3873, 0.3688



31.1948, 0.3603, 0.3976



7.0685, 0.3274, 0.3382



8.8770, 0.5639, 0.3904



0.2397, 0.4982, 0.4427

Inverse Universe

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



23.8974, 0.2653, 0.2940



40.0375, 0.2551, 0.2851



17.7286, 0.2603, 0.2496



7.0549, 0.2988, 0.3197



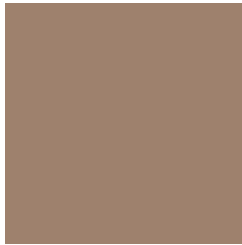
8.3976, 0.1868, 0.1924



0.2319, 0.2036, 0.2530

Previews

White Background



This preview shows how the Yxy color 24.0737, 0.3711, 0.3615 looks on a white background.

Color Contrast Check

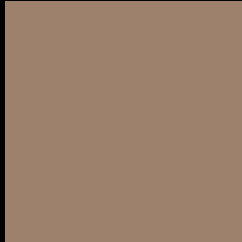
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0737, 0.3711, 0.3615 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 24.0737, 0.3711, 0.3615

Background



This preview shows how black text looks on a background with the Yxy color 24.0737, 0.3711, 0.3615.



This preview shows how white text looks on a background with the Yxy color 24.0737, 0.3711, 0.3615.

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

24.0737, 0.3711, 0.3615

Protanopia

24.2486, 0.3456, 0.3685

Deuteranopia

24.2375, 0.3694, 0.3632



Tritanopia

23.9936, 0.3449, 0.3134

Trichromacy



Original Color

24.0737, 0.3711, 0.3615

Protanomaly

24.2187, 0.3547, 0.3660

Deuteranomaly

24.2375, 0.3694, 0.3632

Tritanomaly

23.9017, 0.3542, 0.3291

Monochromacy



Original Color

24.0737, 0.3711, 0.3615

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.1211, 0.3318, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0737, 0.3711, 0.3615 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(158, 129, 109)` looks like.

```
.text, #text, p{  
    color:rgb(158, 129, 109)  
}
```

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(158, 129, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 129, 109) }
```

Border

The CSS property to change the border of an element to Yxy 24.0737, 0.3711, 0.3615 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(158, 129, 109) }
```

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

```
.border{ border-color:rgb(158, 129, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 129, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 129, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 129, 109);  
box-shadow:4px 4px 4px 4px rgb(158, 129,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0737, 0.3711, 0.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 129, 109) }
```

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

```
.background{ background-color: rgb(158,  
129, 109) }
```

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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