

Converting Colors

$Y_{xy}(25.9610, 0.3708, 0.3632)$

Have a look what the booklet for
Yxy(25.9610, 0.3708, 0.3632)
contains.

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Color

Yxy(26.0066, 0.3713, 0.3637)

Conversions

Conversions Part 1

Format	Color
Hex	A38670
RGB	163, 134, 112
RGB Percent	64%, 53%, 44%
CMY	0.3609, 0.4745, 0.5608
CMYK	0.00, 0.18, 0.31, 0.36
HSL	26°, 22%, 54%
HSV	26°, 31%, 64%
XYZ	26.5500, 26.0066, 18.9490
YIQ	140.1630, 24.3460, -0.6940

Conversions

Conversions Part 2

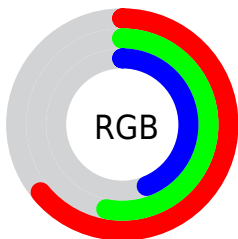
Format	Color
R_{YB}	163, 151, 112
Decimal	10716784
CIE Lab	58.04, 7.70, 16.00
CIE LCh	58, 17.754, 64.312
Yxy	26.0066, 0.3713, 0.3637
Android (android.graphics.Color)	4288906864 (0xFFA38670)
YUV	140.1630, -13.8844, 20.0280
Hunter-Lab	50.9967, 3.6871, 13.6671

Details

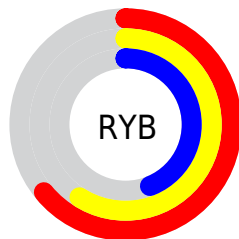
The Yxy color **26.0066, 0.3713, 0.3637** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **25.1259, 0.2645, 0.2914**, and the grayscale version is **26.3399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2811, 0.3590, 0.3563**, and **10.0258, 0.3930, 0.3743** is the 20% darker color. If you saturate the color by 10%, you get **23.2282, 0.3957, 0.3752**, and if you desaturate by 10%, it is **29.0772, 0.3497, 0.3522**.

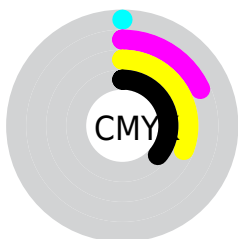
Distribution



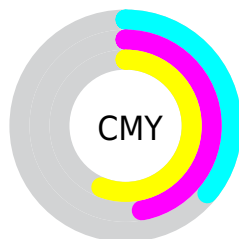
- Red (64%)
- Green (53%)
- Blue (44%)



- Red (64%)
- Yellow (59%)
- Blue (44%)



- Cyan (0%)
- Magenta (18%)
- Yellow (31%)
- Black (36%)





- Cyan (36%)
- Magenta (47%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0066, 0.3713, 0.3637 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 26.0066, 0.3713, 0.3637 by changing the saturation by 10% instead.


 26.0066, 0.3713,
0.3637

 26.0066, 0.3713,
0.3637


282.8145, 0.3390,
0.3453


 16.8286, 0.3805,
0.3686

 53.2856, 0.3588,
0.3568

 10.1123, 0.3929,
0.3750


 72.1554, 0.3543,
0.3542

 5.4735, 0.4109,
0.3837

 95.0245, 0.3507,
0.3521

 2.5277, 0.4384,
0.3957

 122.2774, 0.3476,
0.3503

 0.8904, 0.5409,
0.4591

154.2984, 0.3450,
0.3488

 0.0000, 0.0000,
0.0000

191.4720, 0.3427,

0.3475

234.1826, 0.3407,
0.3463

■ 26.0066, 0.3713,
0.3637

■ 26.0066, 0.3713,
0.3637

■ 23.2282, 0.3957,
0.3752

■ 29.0772, 0.3497,
0.3522

■ 20.7292, 0.4228,
0.3859

■ 32.4453, 0.3309,
0.3409

■ 18.5010, 0.4520,
0.3949

■ 36.1204, 0.3146,
0.3303

■ 16.5329, 0.4822,
0.4010

■ 40.1105, 0.3006,
0.3204

■ 14.8137, 0.5117,
0.4031

■ 44.4233, 0.2884,
0.3112

■ 13.3306, 0.5384,
0.4001

■ 49.0663, 0.2779,
0.3028

■ 12.2125, 0.5590,
0.3943

■ 54.0466, 0.2688,
0.2952

■ 59.3712, 0.2609,
0.2881

■ 64.8076, 0.2558,
0.2856

Harmonies

Analogous

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



26.0066, 0.3699, 0.3401



26.0066, 0.3713, 0.3637



26.0066, 0.3563, 0.3796

Triad

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



26.0066, 0.3713, 0.3637



26.0066, 0.2739, 0.3420



26.0066, 0.2936, 0.2816

Complementary

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



26.0066, 0.3713, 0.3637



25.1259, 0.2645, 0.2914

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.



26.0066, 0.2696, 0.2801



26.0066, 0.3713, 0.3637



26.0066, 0.2587, 0.3134

Square

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



26.0066, 0.3713, 0.3637



26.0066, 0.2997, 0.3679



26.0066, 0.2572, 0.2911



26.0066, 0.3239, 0.2942

Rectangle

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



26.0066, 0.3713, 0.3637



26.0066, 0.3395, 0.3829



26.0066, 0.2572, 0.2911



26.0066, 0.2846, 0.2797

Sweetspot

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



26.0078, 0.3713, 0.3637



59.4708, 0.3273, 0.3386



21.3170, 0.3420, 0.2830



13.1566, 0.3297, 0.3402



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.



26.0078, 0.3713, 0.3637



42.8468, 0.3892, 0.3723



33.6561, 0.3605, 0.3995



7.5656, 0.3275, 0.3387



9.5815, 0.5575, 0.3956



0.2945, 0.4973, 0.4434

Inverse Universe

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



25.1259, 0.2645, 0.2914



40.9898, 0.2531, 0.2808



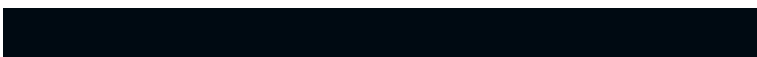
18.6359, 0.2595, 0.2471



7.4964, 0.2987, 0.3191



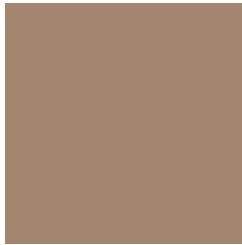
8.1771, 0.1844, 0.1840



0.2633, 0.2007, 0.2424

Previews

White Background



This preview shows how the Yxy color 26.0066, 0.3713, 0.3637 looks on a white background.

Color Contrast Check

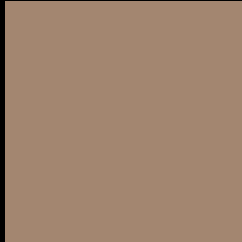
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0066, 0.3713, 0.3637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

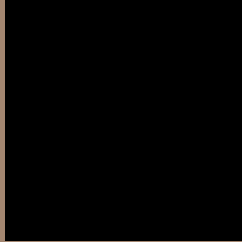
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0066, 0.3713, 0.3637

Background



This preview shows how black text looks on a background with the Yxy color 26.0066, 0.3713, 0.3637.



This preview shows how white text looks on a background with the Yxy color 26.0066, 0.3713, 0.3637.

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

26.0066, 0.3713, 0.3637

Protanopia

25.9989, 0.3482, 0.3689

Deuteranopia

26.0066, 0.3713, 0.3637



Tritanopia

25.9657, 0.3438, 0.3139

Trichromacy



Original Color

26.0066, 0.3713, 0.3637

Protanomaly

25.8785, 0.3559, 0.3666

Deuteranomaly

26.0066, 0.3713, 0.3637

Tritanomaly

25.8436, 0.3539, 0.3307

Monochromacy



Original Color

26.0066, 0.3713, 0.3637

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.0846, 0.3323, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0066, 0.3713, 0.3637 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, 134, 112)` looks like.

```
.text, #text, p{  
    color:rgb(163, 134, 112)  
}
```

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, 134, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 134, 112) }
```

Border

The CSS property to change the border of an element to Yxy 26.0066, 0.3713, 0.3637 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, 134, 112) }
```

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

```
.border{ border-color:rgb(163, 134, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 134, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 134, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 134, 112);  
box-shadow:4px 4px 4px 4px rgb(163, 134,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0066, 0.3713, 0.3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 134, 112) }
```

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

```
.background{ background-color: rgb(163,  
134, 112) }
```

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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