

Converting Colors

$Y_{xy}(26.7292, 0.3752, 0.3991)$

Have a look what the booklet for
Yxy(26.7292, 0.3752, 0.3991)
contains.

Yxy(26.5878, 0.3753, 0.3982)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.5878, 0.3753, 0.3982)

Conversions

Conversions Part 1

Format	Color
Hex	9B8C61
RGB	155, 140, 97
RGB Percent	61%, 55%, 38%
CMY	0.3920, 0.4510, 0.6196
CMYK	0.00, 0.10, 0.37, 0.39
HSL	44°, 23%, 49%
HSV	44°, 37%, 61%
XYZ	25.0588, 26.5878, 15.1234
YIQ	139.5830, 22.7430, -10.1930

Conversions

Conversions Part 2

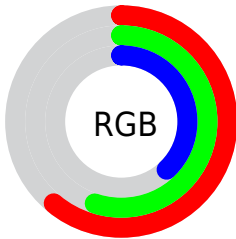
Format	Color
RYB	117, 155, 97
Decimal	10194017
CIELab	58.59, -0.90, 25.03
CIElCh	59, 25.045, 92.064
Yxy	26.5878, 0.3753, 0.3982
Android (android.graphics.Color)	4288384097 (0xFF9B8C61)
YUV	139.5830, -20.9934, 13.5207
Hunter-Lab	51.5634, -3.4884, 18.7048

Details

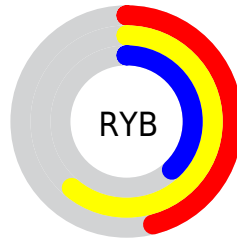
The Yxy color $26.5878, 0.3753, 0.3982$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $16.5108, 0.2504, 0.2483$, and the grayscale version is $26.1340, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.9797, 0.3624, 0.3836$, and $10.4262, 0.3968, 0.4210$ is the 20% darker color. If you saturate the color by 10%, you get $25.1742, 0.3939, 0.4162$, and if you desaturate by 10%, it is $28.1033, 0.3571, 0.3794$.

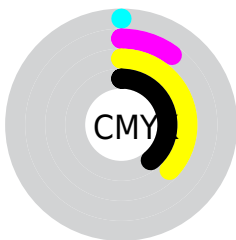
Distribution



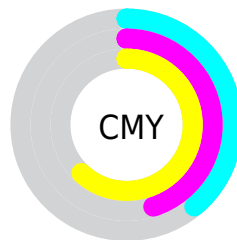
- Red (61%)
- Green (55%)
- Blue (38%)



- Red (46%)
- Yellow (61%)
- Blue (38%)



- Cyan (0%)
- Magenta (10%)
- Yellow (37%)
- Black (39%)





- Cyan (39%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5878, 0.3753, 0.3982 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 26.5878, 0.3753, 0.3982 by changing the saturation by 10% instead.


 26.5878, 0.3753,
0.3982


 26.5878, 0.3753,
0.3982


285.6557, 0.3415,
0.3607

 17.2639, 0.3844,
0.4084


 54.2217, 0.3625,
0.3839

 10.4228, 0.3964,
0.4219


 73.3005, 0.3578,
0.3788

 5.6802, 0.4126,
0.4403

 96.3997, 0.3540,
0.3745

 2.6516, 0.4406,
0.4720

 123.9037, 0.3507,
0.3708

 0.9527, 0.4809,
0.5191

156.1969, 0.3479,
0.3678

 0.0000, 0.0000,
0.0000

193.6637, 0.3455,

0.3651

236.6885, 0.3434,
0.3628

■ 26.5878, 0.3753,
0.3982

■ 26.5878, 0.3753,
0.3982

■ 25.1742, 0.3939,
0.4162

■ 28.1033, 0.3571,
0.3794

■ 23.8550, 0.4124,
0.4324

■ 29.7206, 0.3399,
0.3606

■ 22.6274, 0.4301,
0.4459

■ 31.4440, 0.3238,
0.3422

■ 21.4868, 0.4460,
0.4558

■ 33.2767, 0.3090,
0.3246

■ 20.4280, 0.4595,
0.4613

■ 35.2216, 0.2956,
0.3080

■ 19.4424, 0.4704,
0.4624

■ 37.2814, 0.2834,
0.2926

■ 19.1966, 0.4731,
0.4625

■ 39.4589, 0.2725,
0.2783

■ 41.7565, 0.2627,
0.2652

■ 44.1767, 0.2540,
0.2532

Harmonies

Analogous

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



26.5878, 0.3955, 0.3736



26.5878, 0.3753, 0.3982



26.5878, 0.3389, 0.4047

Triad

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



26.5878, 0.3753, 0.3982



26.5878, 0.2392, 0.3089



26.5878, 0.3246, 0.2797

Complementary

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



26.5878, 0.3753, 0.3982



16.5108, 0.2504, 0.2483

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.



26.5878, 0.2828, 0.2635



26.5878, 0.3753, 0.3982



26.5878, 0.2359, 0.2775

Square

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



26.5878, 0.3753, 0.3982



26.5878, 0.2609, 0.3500



26.5878, 0.2513, 0.2621



26.5878, 0.3655, 0.3071

Rectangle

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



26.5878, 0.3753, 0.3982



26.5878, 0.3108, 0.3955



26.5878, 0.2513, 0.2621



26.5878, 0.3101, 0.2728

Sweetspot

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



26.5890, 0.3753, 0.3982



55.0931, 0.3298, 0.3491



16.7046, 0.3769, 0.3034



12.3826, 0.3318, 0.3514



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



26.5890, 0.3753, 0.3982



45.4425, 0.3910, 0.4135



30.0241, 0.3526, 0.4242



6.9517, 0.3266, 0.3454



15.4750, 0.4726, 0.4630



0.2887, 0.4449, 0.4850

Inverse Universe

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



16.5108, 0.2504, 0.2483



24.7383, 0.2349, 0.2262



14.2701, 0.2614, 0.2234



6.2738, 0.2988, 0.3120



3.1847, 0.1595, 0.0942



0.1002, 0.1803, 0.1689

Previews

White Background



This preview shows how the Yxy color 26.5878, 0.3753, 0.3982 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 26.5878, 0.3753, 0.3982 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 26.5878, 0.3753, 0.3982

Background



This preview shows how black text looks on a background with the Yxy color 26.5878, 0.3753, 0.3982.



This preview shows how white text looks on a background with the Yxy color 26.5878, 0.3753, 0.3982.

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

26.5878, 0.3753, 0.3982

Protanopia

26.5882, 0.3712, 0.4006

Deuteranopia

26.5346, 0.3927, 0.3857



Tritanopia

26.5374, 0.3315, 0.3136

Trichromacy



Original Color

26.5878, 0.3753, 0.3982

Protanomaly

26.6851, 0.3723, 0.4003

Deuteranomaly

26.5597, 0.3855, 0.3899

Tritanomaly

26.4097, 0.3476, 0.3434

Monochromacy



Original Color

26.5878, 0.3753, 0.3982

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.2311, 0.3348, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5878, 0.3753, 0.3982 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(155, 140, 97)` looks like.

```
.text, #text, p{  
    color:rgb(155, 140, 97)  
}
```

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(155, 140, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 140, 97) }
```

Border

The CSS property to change the border of an element to Yxy 26.5878, 0.3753, 0.3982 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(155, 140, 97) }
```

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

```
.border{ border-color:rgb(155, 140, 97) }
```

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

Here you see how a box with a 4 pixel rgb(155, 140, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 140, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 140, 97);  
box-shadow:4px 4px 4px 4px rgb(155, 140,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5878, 0.3753, 0.3982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 140, 97) }
```

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

```
.background{ background-color: rgb(155,  
140, 97) }
```

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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