

Converting Colors

$Y_{xy}(26.4320, 0.3793, 0.4109)$

Have a look what the booklet for
Yxy(26.4320, 0.3793, 0.4109)
contains.

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Color

Yxy(26.5602, 0.3795, 0.4113)

Conversions

Conversions Part 1

Format	Color
Hex	998D5A
RGB	153, 141, 90
RGB Percent	60%, 55%, 35%
CMY	0.4000, 0.4470, 0.6470
CMYK	0.00, 0.08, 0.41, 0.40
HSL	49°, 26%, 48%
HSV	49°, 41%, 60%
XYZ	24.5067, 26.5602, 13.5093
YIQ	138.7740, 23.5230, -13.3170

Conversions

Conversions Part 2

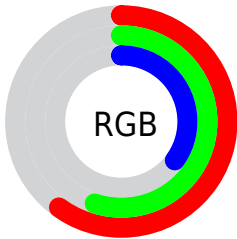
Format	Color
RYB	105, 153, 90
Decimal	10063194
CIELab	58.57, -3.16, 28.81
CIELCh	59, 28.982, 96.266
Yxy	26.5602, 0.3795, 0.4113
Android (android.graphics.Color)	4288253274 (0xFF998D5A)
YUV	138.7740, -24.0456, 12.4762
Hunter-Lab	51.5366, -5.3087, 20.5339

Details

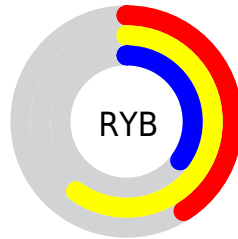
The Yxy color **26.5602, 0.3795, 0.4113** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.9761, 0.2423, 0.2301**, and the grayscale version is **25.8152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9166, 0.3658, 0.3936**, and **10.4233, 0.4017, 0.4387** is the 20% darker color. If you saturate the color by 10%, you get **25.4795, 0.3965, 0.4300**, and if you desaturate by 10%, it is **27.7196, 0.3623, 0.3914**.

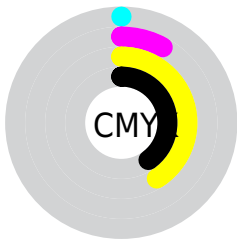
Distribution



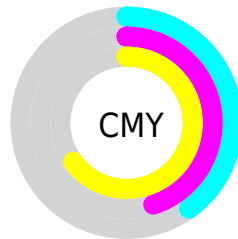
- Red (60%)
- Green (55%)
- Blue (35%)



- Red (41%)
- Yellow (60%)
- Blue (35%)



- Cyan (0%)
- Magenta (8%)
- Yellow (41%)
- Black (40%)




- Cyan (40%)
- Magenta (45%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5602, 0.3795, 0.4113 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 26.5602, 0.3795, 0.4113 by changing the saturation by 10% instead.


 26.5602, 0.3795,
0.4113


 26.5602, 0.3795,
0.4113


285.5213, 0.3438,
0.3666


 17.2432, 0.3889,
0.4234


 54.1773, 0.3661,
0.3943

 10.4080, 0.4009,
0.4393


 73.2462, 0.3612,
0.3881

 5.6703, 0.4167,
0.4608

 96.3345, 0.3571,
0.3830

 2.6457, 0.4511,
0.5061

 123.8267, 0.3536,
0.3787

 0.9497, 0.4646,
0.5354

156.1070, 0.3506,
0.3750

 0.0000, 0.0000,
0.0000

193.5600, 0.3481,

0.3718

236.5700, 0.3458,
0.3691

■ 26.5602, 0.3795,
0.4113

■ 26.5602, 0.3795,
0.4113

■ 25.4795, 0.3965,
0.4300

■ 27.7196, 0.3623,
0.3914

■ 24.4703, 0.4127,
0.4464

■ 28.9572, 0.3455,
0.3710

■ 23.5299, 0.4274,
0.4596

■ 30.2771, 0.3295,
0.3508

■ 22.6541, 0.4399,
0.4689

■ 31.6823, 0.3144,
0.3312

■ 21.8377, 0.4498,
0.4738

■ 33.1752, 0.3005,
0.3127

■ 21.1551, 0.4569,
0.4755

■ 34.7585, 0.2877,
0.2953

■ 36.4344, 0.2762,
0.2792

■ 38.2052, 0.2657,
0.2644

■ 40.0732, 0.2563,
0.2508

Harmonies

Analogous

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



26.5602, 0.4065, 0.3843



26.5602, 0.3795, 0.4113



26.5602, 0.3356, 0.4162

Triad

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



26.5602, 0.3795, 0.4113



26.5602, 0.2267, 0.2991



26.5602, 0.3332, 0.2763

Complementary

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



26.5602, 0.3795, 0.4113



13.9761, 0.2423, 0.2301

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.



26.5602, 0.2843, 0.2559



26.5602, 0.3795, 0.4113



26.5602, 0.2261, 0.2658

Square

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



26.5602, 0.3795, 0.4113



26.5602, 0.2483, 0.3462



26.5602, 0.2462, 0.2515



26.5602, 0.3795, 0.3086

Rectangle

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



26.5602, 0.3795, 0.4113



26.5602, 0.3032, 0.4030



26.5602, 0.2462, 0.2515



26.5602, 0.3164, 0.2680

Sweetspot

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



26.5614, 0.3795, 0.4113



53.9674, 0.3311, 0.3529



15.0569, 0.3931, 0.3079



11.8548, 0.3330, 0.3552



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.5614, 0.3795, 0.4113



45.8600, 0.3945, 0.4278



28.5955, 0.3516, 0.4355



7.0230, 0.3264, 0.3469



17.5314, 0.4565, 0.4757



0.3078, 0.4375, 0.4908

Inverse Universe

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



13.9761, 0.2423, 0.2301



20.3417, 0.2254, 0.2045



12.8586, 0.2602, 0.2131



6.2072, 0.2988, 0.3104



2.6708, 0.1559, 0.0810



0.0811, 0.1735, 0.1445

Previews

White Background



This preview shows how the Yxy color 26.5602, 0.3795, 0.4113 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 26.5602, 0.3795, 0.4113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

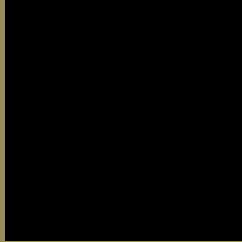
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5602, 0.3795, 0.4113

Background



This preview shows how black text looks on a background with the Yxy color 26.5602, 0.3795, 0.4113.



This preview shows how white text looks on a background with the Yxy color 26.5602, 0.3795, 0.4113.

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

26.5602, 0.3795, 0.4113

Protanopia

26.5602, 0.3795, 0.4113

Deuteranopia

26.5183, 0.4015, 0.3956



Tritanopia

26.4655, 0.3293, 0.3120

Trichromacy



Original Color

26.5602, 0.3795, 0.4113

Protanomaly

26.5602, 0.3795, 0.4113

Deuteranomaly

26.4332, 0.3930, 0.4005

Tritanomaly

26.5401, 0.3484, 0.3482

Monochromacy



Original Color

26.5602, 0.3795, 0.4113

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.0659, 0.3368, 0.3608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5602, 0.3795, 0.4113 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(153, 141, 90)` looks like.

```
.text, #text, p{  
    color:rgb(153, 141, 90)  
}
```

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(153, 141, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 141, 90) }
```

Border

The CSS property to change the border of an element to Yxy 26.5602, 0.3795, 0.4113 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(153, 141, 90) }
```

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

```
.border{ border-color:rgb(153, 141, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 141, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 141, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 141, 90);  
box-shadow:4px 4px 4px 4px rgb(153, 141,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5602, 0.3795, 0.4113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 141, 90) }
```

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

```
.background{ background-color: rgb(153,  
141, 90) }
```

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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