

Converting Colors

$Y_{xy}(25.0207, 0.3917, 0.4246)$

Have a look what the booklet for
Yxy(25.0207, 0.3917, 0.4246)
contains.

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Color

Yxy(25.0207, 0.3917, 0.4246)

Conversions

Conversions Part 1

Format	Color
Hex	97894E
RGB	151, 137, 78
RGB Percent	59%, 54%, 31%
CMY	0.4079, 0.4627, 0.6940
CMYK	0.00, 0.09, 0.48, 0.41
HSL	49°, 32%, 45%
HSV	49°, 48%, 59%
XYZ	23.0820, 25.0207, 10.8250
YIQ	134.4600, 27.2830, -15.3810

Conversions

Conversions Part 2

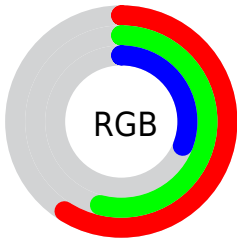
Format	Color
RYB	95, 151, 78
Decimal	9931086
CIELab	57.10, -3.12, 33.38
CIELCh	57, 33.521, 95.340
Yxy	25.0207, 0.3917, 0.4246
Android (android.graphics.Color)	4288121166 (0xFF97894E)
YUV	134.4600, -27.8348, 14.5056
Hunter-Lab	50.0207, -5.1676, 22.1835

Details

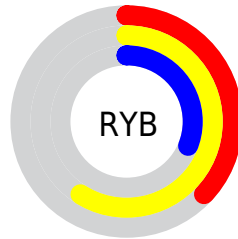
The Yxy color **25.0207, 0.3917, 0.4246** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.5094, 0.2287, 0.2097**, and the grayscale version is **24.1163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6508, 0.3766, 0.4049**, and **9.5120, 0.4163, 0.4556** is the 20% darker color. If you saturate the color by 10%, you get **24.0180, 0.4082, 0.4417**, and if you desaturate by 10%, it is **26.0975, 0.3746, 0.4055**.

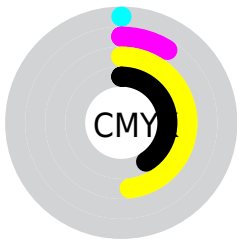
Distribution



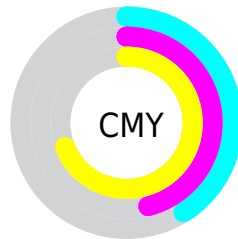
- Red (59%)
- Green (54%)
- Blue (31%)



- Red (37%)
- Yellow (59%)
- Blue (31%)



- Cyan (0%)
- Magenta (9%)
- Yellow (48%)
- Black (41%)





- Cyan (41%)
- Magenta (46%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0207, 0.3917, 0.4246 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 25.0207, 0.3917, 0.4246 by changing the saturation by 10% instead.


 25.0207, 0.3917,
0.4246


 25.0207, 0.3917,
0.4246


277.9410, 0.3495,
0.3727


 16.0925, 0.4025,
0.4384


 51.6908, 0.3760,
0.4049


 9.5896, 0.4162,
0.4563


 70.2015, 0.3702,
0.3978

 5.1277, 0.4332,
0.4796

 92.6751, 0.3653,
0.3918

 2.3224, 0.4708,
0.5292

 119.4960, 0.3612,
0.3868

 0.7855, 0.4605,
0.5395

 151.0487, 0.3576,
0.3825

 0.0000, 0.0000,
0.0000

187.7175, 0.3546,

0.3788

229.8868, 0.3519,
0.3755

■ 25.0207, 0.3917,
0.4246

■ 25.0207, 0.3917,
0.4246

■ 24.0180, 0.4082,
0.4417

■ 26.0975, 0.3746,
0.4055

■ 23.0824, 0.4235,
0.4560

■ 27.2481, 0.3574,
0.3854

■ 22.2108, 0.4367,
0.4665

■ 28.4769, 0.3408,
0.3651

■ 21.3987, 0.4474,
0.4727

■ 29.7866, 0.3251,
0.3451

■ 20.6368, 0.4557,
0.4750

■ 31.1799, 0.3103,
0.3258

■ 20.5117, 0.4571,
0.4753

■ 32.6593, 0.2968,
0.3077

■ 34.2271, 0.2844,
0.2907

■ 35.8857, 0.2731,
0.2750

■ 37.6372, 0.2630,
0.2606

Harmonies

Analogous

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



25.0207, 0.4234, 0.3910



25.0207, 0.3917, 0.4246



25.0207, 0.3403, 0.4332

Triad

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



25.0207, 0.3917, 0.4246



25.0207, 0.2131, 0.2944



25.0207, 0.3346, 0.2669

Complementary

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



25.0207, 0.3917, 0.4246



11.5094, 0.2287, 0.2097

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.



25.0207, 0.2773, 0.2439



25.0207, 0.3917, 0.4246



25.0207, 0.2119, 0.2555

Square

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



25.0207, 0.3917, 0.4246



25.0207, 0.2383, 0.3508



25.0207, 0.2341, 0.2391



25.0207, 0.3901, 0.3034

Rectangle

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



25.0207, 0.3917, 0.4246



25.0207, 0.3024, 0.4188



25.0207, 0.2341, 0.2391



25.0207, 0.3148, 0.2575

Sweetspot

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



25.0219, 0.3917, 0.4246



51.9403, 0.3343, 0.3569



12.8138, 0.4146, 0.3045



11.6999, 0.3375, 0.3610



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.



25.0219, 0.3917, 0.4246



42.8774, 0.4096, 0.4431



27.3537, 0.3572, 0.4542



7.0217, 0.3265, 0.3469



17.4927, 0.4568, 0.4755



0.3074, 0.4377, 0.4907

Inverse Universe

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



11.5094, 0.2287, 0.2097



15.7743, 0.2084, 0.1777



10.3906, 0.2487, 0.1906



6.2084, 0.2988, 0.3105



2.6787, 0.1559, 0.0812



0.0814, 0.1736, 0.1449

Previews

White Background



This preview shows how the Yxy color 25.0207, 0.3917, 0.4246 looks on a white background.

Color Contrast Check

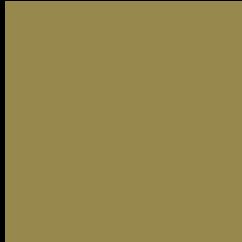
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0207, 0.3917, 0.4246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

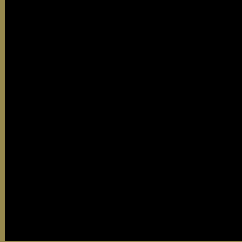
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0207, 0.3917, 0.4246

Background



This preview shows how black text looks on a background with the Yxy color 25.0207, 0.3917, 0.4246.



This preview shows how white text looks on a background with the Yxy color 25.0207, 0.3917, 0.4246.

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

25.0207, 0.3917, 0.4246

Protanopia

24.9254, 0.3905, 0.4251

Deuteranopia

25.0126, 0.4150, 0.4076



Tritanopia

25.0268, 0.3332, 0.3133

Trichromacy



Original Color

25.0207, 0.3917, 0.4246

Protanomaly

24.9254, 0.3905, 0.4251

Deuteranomaly

24.9166, 0.4061, 0.4130

Tritanomaly

25.0280, 0.3564, 0.3551

Monochromacy



Original Color

25.0207, 0.3917, 0.4246

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.1183, 0.3410, 0.3653

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0207, 0.3917, 0.4246 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(151, 137, 78)` looks like.

```
.text, #text, p{  
    color:rgb(151, 137, 78)  
}
```

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(151, 137, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 137, 78) }
```

Border

The CSS property to change the border of an element to Yxy 25.0207, 0.3917, 0.4246 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(151, 137, 78) }
```

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

```
.border{ border-color:rgb(151, 137, 78) }
```

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

Here you see how a box with a 4 pixel rgb(151, 137, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 137, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 137, 78);  
box-shadow:4px 4px 4px 4px rgb(151, 137,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0207, 0.3917, 0.4246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 137, 78) }
```

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

```
.background{ background-color: rgb(151,  
137, 78) }
```

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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