

Converting Colors

Yxy(26.2024, 0.4194, 0.4216)

Have a look what the booklet for
Yxy(26.2024, 0.4194, 0.4216)
contains.

Yxy(26.1207, 0.4197, 0.4219)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.1207, 0.4197, 0.4219)

Conversions

Conversions Part 1

Format	Color
Hex	A88748
RGB	168, 135, 72
RGB Percent	66%, 53%, 28%
CMY	0.3411, 0.4706, 0.7176
CMYK	0.00, 0.20, 0.57, 0.34
HSL	39°, 40%, 47%
HSV	39°, 57%, 66%
XYZ	25.9845, 26.1207, 9.8069
YIQ	137.6850, 39.8910, -12.5970

Conversions

Conversions Part 2

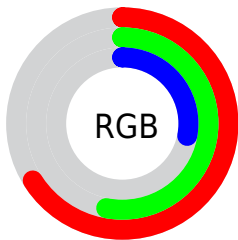
Format	Color
R_YB	122, 168, 72
Decimal	11044680
CIE _{Lab}	58.15, 4.89, 38.20
CIE _{LCh}	58, 38.509, 82.701
Yxy	26.1207, 0.4197, 0.4219
Android (android.graphics.Color)	4289234760 (0xFFA88748)
YUV	137.6850, -32.3827, 26.5863
Hunter-Lab	51.1084, 1.3131, 24.3991

Details

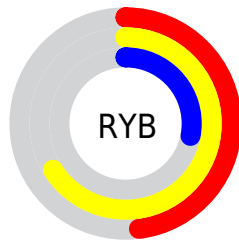
The Yxy color **26.1207, 0.4197, 0.4219** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **14.3165, 0.2171, 0.2101**, and the grayscale version is **25.4054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3791, 0.3985, 0.4048**, and **10.2322, 0.4513, 0.4482** is the 20% darker color. If you saturate the color by 10%, you get **24.3628, 0.4405, 0.4340**, and if you desaturate by 10%, it is **28.0285, 0.3986, 0.4071**.

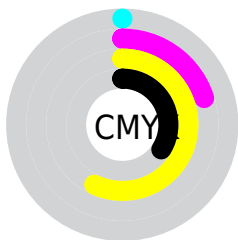
Distribution



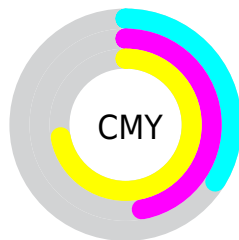
- Red (66%)
- Green (53%)
- Blue (28%)



- Red (48%)
- Yellow (66%)
- Blue (28%)



- Cyan (0%)
- Magenta (20%)
- Yellow (57%)
- Black (34%)





- Cyan (34%)
- Magenta (47%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1207, 0.4197, 0.4219 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 26.1207, 0.4197, 0.4219 by changing the saturation by 10% instead.


 26.1207, 0.4197,
0.4219


 26.1207, 0.4197,
0.4219


283.3741, 0.3627,
0.3738


 16.9140, 0.4342,
0.4334


 53.4696, 0.3985,
0.4045

 10.1732, 0.4523,
0.4472


 72.3805, 0.3907,
0.3979


 5.5139, 0.4756,
0.4637

 95.2950, 0.3841,
0.3923

 2.5518, 0.5118,
0.4882

 122.5974, 0.3785,
0.3875

 0.9025, 0.5217,
0.4783

 154.6721, 0.3737,
0.3834

 0.0000, 0.0000,
0.0000

191.9035, 0.3696,

0.3798

234.6761, 0.3659,
0.3766

■ 26.1207, 0.4197,
0.4219

■ 26.1207, 0.4197,
0.4219

■ 24.3628, 0.4405,
0.4340

■ 28.0285, 0.3986,
0.4071

■ 22.7448, 0.4600,
0.4425

■ 30.0884, 0.3779,
0.3908

■ 21.2605, 0.4772,
0.4463

■ 32.3068, 0.3583,
0.3738

■ 19.8999, 0.4915,
0.4454

■ 34.6887, 0.3402,
0.3568

■ 19.5274, 0.4955,
0.4448

■ 37.2389, 0.3236,
0.3403

■ 39.9618, 0.3086,
0.3246

■ 42.8617, 0.2951,
0.3099

■ 45.9425, 0.2832,
0.2963

■ 49.2082, 0.2725,
0.2837

Harmonies

Analogous

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



26.1207, 0.4426, 0.3769



26.1207, 0.4197, 0.4219



26.1207, 0.3688, 0.4476

Triad

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



26.1207, 0.4197, 0.4219



26.1207, 0.2098, 0.3143



26.1207, 0.3087, 0.2468

Complementary

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



26.1207, 0.4197, 0.4219



14.3165, 0.2171, 0.2101

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.



26.1207, 0.2498, 0.2293



26.1207, 0.4197, 0.4219



26.1207, 0.1976, 0.2610

Square

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



26.1207, 0.4197, 0.4219



26.1207, 0.2479, 0.3821



26.1207, 0.2114, 0.2329



26.1207, 0.3754, 0.2815

Rectangle

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



26.1207, 0.4197, 0.4219



26.1207, 0.3271, 0.4444



26.1207, 0.2114, 0.2329



26.1207, 0.2873, 0.2388

Sweetspot

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



26.1220, 0.4197, 0.4219



62.8582, 0.3405, 0.3571



13.9965, 0.4196, 0.2790



13.5165, 0.3438, 0.3603



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



26.1220, 0.4197, 0.4219



43.2564, 0.4468, 0.4371



35.3096, 0.3781, 0.4696



8.3328, 0.3270, 0.3438



14.8424, 0.4945, 0.4456



0.4507, 0.4642, 0.4696

Inverse Universe

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



14.3165, 0.2171, 0.2101



19.7972, 0.1965, 0.1774



9.4638, 0.2178, 0.1554



7.7067, 0.2986, 0.3138



4.4909, 0.1649, 0.1137



0.2042, 0.1840, 0.1824

Previews

White Background



This preview shows how the Yxy color 26.1207, 0.4197, 0.4219 looks on a white background.

Color Contrast Check

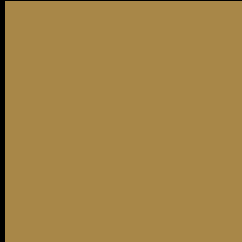
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1207, 0.4197, 0.4219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

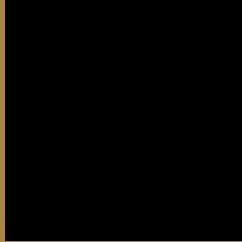
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1207, 0.4197, 0.4219

Background



This preview shows how black text looks on a background with the Yxy color 26.1207, 0.4197, 0.4219.



This preview shows how white text looks on a background with the Yxy color 26.1207, 0.4197, 0.4219.

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

26.1207, 0.4197, 0.4219

Protanopia

26.1206, 0.3969, 0.4330

Deuteranopia

26.0136, 0.4262, 0.4173



Tritanopia

26.2432, 0.3573, 0.3158

Trichromacy



Original Color

26.1207, 0.4197, 0.4219

Protanomaly

26.0289, 0.4054, 0.4292

Deuteranomaly

26.1760, 0.4242, 0.4191

Tritanomaly

26.1955, 0.3824, 0.3564

Monochromacy



Original Color

26.1207, 0.4197, 0.4219

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.4958, 0.3511, 0.3672

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1207, 0.4197, 0.4219 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(168, 135, 72)` looks like.

```
.text, #text, p{  
    color:rgb(168, 135, 72)  
}
```

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(168, 135, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 135, 72) }
```

Border

The CSS property to change the border of an element to Yxy 26.1207, 0.4197, 0.4219 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(168, 135, 72) }
```

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

```
.border{ border-color:rgb(168, 135, 72) }
```

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

Here you see how a box with a 4 pixel rgb(168, 135, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 135, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 135, 72);  
box-shadow:4px 4px 4px 4px rgb(168, 135,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1207, 0.4197, 0.4219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 135, 72) }
```

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

```
.background{ background-color: rgb(168,  
135, 72) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor