

Converting Colors

$Y_{xy}(24.2401, 0.4117, 0.3909)$

Have a look what the booklet for
Yxy(24.2401, 0.4117, 0.3909)
contains.

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Color

Yxy(24.1755, 0.4118, 0.3917)

Conversions

Conversions Part 1

Format	Color
Hex	A87F56
RGB	168, 127, 86
RGB Percent	66%, 50%, 34%
CMY	0.3412, 0.5019, 0.6628
CMYK	0.00, 0.24, 0.49, 0.34
HSL	30°, 32%, 50%
HSV	30°, 49%, 66%
XYZ	25.4161, 24.1755, 12.1279
YIQ	134.5850, 37.5970, -4.0590

Conversions

Conversions Part 2

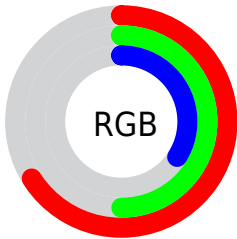
Format	Color
R_{YB}	168, 168, 86
Decimal	11042646
CIE _{Lab}	56.26, 10.65, 28.36
CIE _{LCh}	56, 30.296, 69.423
Yxy	24.1755, 0.4118, 0.3917
Android (android.graphics.Color)	4289232726 (0xFFA87F56)
YUV	134.5850, -23.9524, 29.3050
Hunter-Lab	49.1686, 6.2246, 19.7936

Details

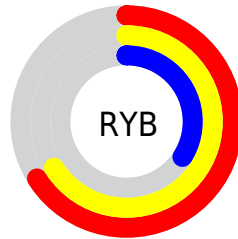
The Yxy color **24.1755, 0.4118, 0.3917** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.9762, 0.2359, 0.2548**, and the grayscale version is **24.1468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.4276, 0.3910, 0.3805**, and **9.1794, 0.4470, 0.4084** is the 20% darker color. If you saturate the color by 10%, you get **21.8577, 0.4382, 0.4028**, and if you desaturate by 10%, it is **26.7401, 0.3871, 0.3791**.

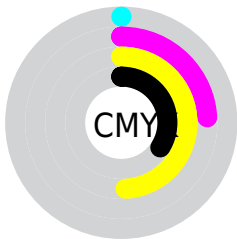
Distribution



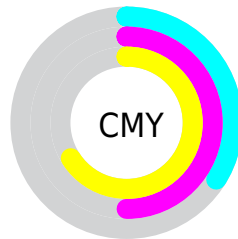
- Red (66%)
- Green (50%)
- Blue (34%)



- Red (66%)
- Yellow (66%)
- Blue (34%)



- Cyan (0%)
- Magenta (24%)
- Yellow (49%)
- Black (34%)





- Cyan (34%)
- Magenta (50%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1755, 0.4118, 0.3917 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 24.1755, 0.4118, 0.3917 by changing the saturation by 10% instead.


 24.1755, 0.4118,
0.3917


 24.1755, 0.4118,
0.3917


273.7066, 0.3572,
0.3591


 15.4639, 0.4269,
0.3997


 50.3164, 0.3908,
0.3798

 9.1456, 0.4470,
0.4095


 68.5145, 0.3832,
0.3753

 4.8363, 0.4745,
0.4210

 90.6436, 0.3770,
0.3715

 2.1515, 0.5425,
0.4575

 117.0879, 0.3717,
0.3683

 0.6934, 0.5706,
0.4294

 148.2320, 0.3673,
0.3655

 0.0000, 0.0000,
0.0000

184.4602, 0.3634,

0.3631

226.1569, 0.3601,
0.3610

■ 24.1755, 0.4118,
0.3917

■ 24.1755, 0.4118,
0.3917

■ 21.8577, 0.4382,
0.4028

■ 26.7401, 0.3871,
0.3791

■ 19.7742, 0.4654,
0.4113

■ 29.5562, 0.3645,
0.3658

■ 17.9165, 0.4919,
0.4158

■ 32.6328, 0.3444,
0.3525

■ 16.2738, 0.5161,
0.4155

■ 35.9775, 0.3266,
0.3397

■ 14.8300, 0.5371,
0.4104

■ 39.5972, 0.3110,
0.3276

■ 14.6700, 0.5396,
0.4097

■ 43.4989, 0.2973,
0.3163

■ 47.6889, 0.2855,
0.3059

■ 52.1736, 0.2751,
0.2963

■ 56.9590, 0.2660,
0.2875

Harmonies

Analogous

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



24.1755, 0.4160, 0.3522



24.1755, 0.4118, 0.3917



24.1755, 0.3799, 0.4195

Triad

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



24.1755, 0.4118, 0.3917



24.1755, 0.2400, 0.3417



24.1755, 0.2871, 0.2524

Complementary

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



24.1755, 0.4118, 0.3917



19.9762, 0.2359, 0.2548

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.



24.1755, 0.2447, 0.2456



24.1755, 0.4118, 0.3917



24.1755, 0.2194, 0.2918

Square

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



24.1755, 0.4118, 0.3917



24.1755, 0.2803, 0.3927



24.1755, 0.2212, 0.2583



24.1755, 0.3404, 0.2757

Rectangle

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



24.1755, 0.4118, 0.3917



24.1755, 0.3486, 0.4248



24.1755, 0.2212, 0.2583



24.1755, 0.2712, 0.2481

Sweetspot

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



24.1767, 0.4118, 0.3917



61.3147, 0.3378, 0.3479



16.5097, 0.3768, 0.2669



13.1026, 0.3415, 0.3505



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.



24.1767, 0.4118, 0.3917



39.1648, 0.4416, 0.4041



36.9985, 0.3830, 0.4453



8.1390, 0.3274, 0.3403



11.1818, 0.5381, 0.4109



0.3745, 0.4893, 0.4497

Inverse Universe

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



19.9762, 0.2359, 0.2548



30.6020, 0.2191, 0.2338



11.4583, 0.2217, 0.1785



7.8967, 0.2987, 0.3174



7.0215, 0.1780, 0.1606



0.2733, 0.1948, 0.2214

Previews

White Background



This preview shows how the Yxy color 24.1755, 0.4118, 0.3917 looks on a white background.

Color Contrast Check

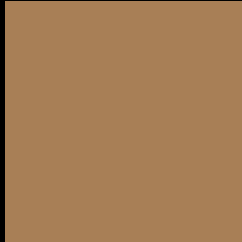
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1755, 0.4118, 0.3917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

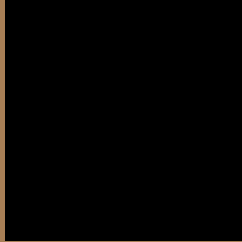
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1755, 0.4118, 0.3917

Background



This preview shows how black text looks on a background with the Yxy color 24.1755, 0.4118, 0.3917.



This preview shows how white text looks on a background with the Yxy color 24.1755, 0.4118, 0.3917.

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

24.1755, 0.4118, 0.3917

Protanopia

24.2523, 0.3769, 0.4062

Deuteranopia

24.1589, 0.4041, 0.3963



Tritanopia

24.0841, 0.3645, 0.3141

Trichromacy



Original Color

24.1755, 0.4118, 0.3917

Protanomaly

24.1757, 0.3898, 0.4005

Deuteranomaly

24.1096, 0.4073, 0.3941

Tritanomaly

24.0616, 0.3827, 0.3414

Monochromacy



Original Color

24.1755, 0.4118, 0.3917

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.9899, 0.3470, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1755, 0.4118, 0.3917 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, 127, 86)` looks like.

```
.text, #text, p{  
    color:rgb(168, 127, 86)  
}
```

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, 127, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 127, 86) }
```

Border

The CSS property to change the border of an element to Yxy 24.1755, 0.4118, 0.3917 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, 127, 86) }
```

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

```
.border{ border-color:rgb(168, 127, 86) }
```

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

Here you see how a box with a 4 pixel rgb(168, 127, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 127, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 127, 86);  
box-shadow:4px 4px 4px 4px rgb(168, 127,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1755, 0.4118, 0.3917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 127, 86) }
```

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

```
.background{ background-color: rgb(168,  
127, 86) }
```

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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