

Converting Colors

$Y_{xy}(24.1759, 0.4028, 0.3882)$

Have a look what the booklet for
Yxy(24.1759, 0.4028, 0.3882)
contains.

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Color

Yxy(24.1759, 0.4028, 0.3882)

Conversions

Conversions Part 1

Format	Color
Hex	A5805A
RGB	165, 128, 90
RGB Percent	65%, 50%, 35%
CMY	0.3528, 0.4981, 0.6471
CMYK	0.00, 0.22, 0.45, 0.35
HSL	30°, 29%, 50%
HSV	30°, 45%, 65%
XYZ	25.0851, 24.1759, 13.0159
YIQ	134.7310, 34.2500, -3.9740

Conversions

Conversions Part 2

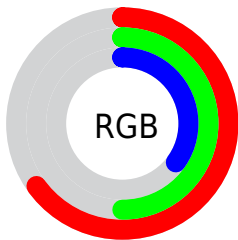
Format	Color
RYB	163, 165, 90
Decimal	10846298
CIELab	56.26, 9.24, 26.07
CIELCh	56, 27.660, 70.480
Yxy	24.1759, 0.4028, 0.3882
Android (android.graphics.Color)	4289036378 (0xFFA5805A)
YUV	134.7310, -22.0524, 26.5459
Hunter-Lab	49.1690, 5.0218, 18.7232

Details

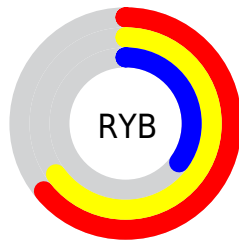
The Yxy color $24.1759, 0.4028, 0.3882$ is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be $20.0758, 0.2410, 0.2601$, and the grayscale version is $24.1984, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.5004, 0.3835, 0.3763$, and $9.1459, 0.4356, 0.4071$ is the 20% darker color. If you saturate the color by 10%, you get $21.8866, 0.4285, 0.4001$, and if you desaturate by 10%, it is $26.7005, 0.3790, 0.3751$.

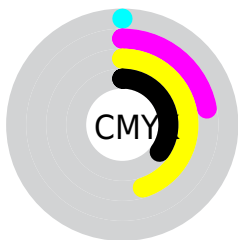
Distribution



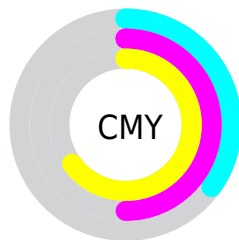
- Red (65%)
- Green (50%)
- Blue (35%)



- Red (64%)
- Yellow (65%)
- Blue (35%)



- Cyan (0%)
- Magenta (22%)
- Yellow (45%)
- Black (35%)





- Cyan (35%)
- Magenta (50%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1759, 0.4028, 0.3882 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 24.1759, 0.4028, 0.3882 by changing the saturation by 10% instead.


 24.1759, 0.4028,
0.3882


 24.1759, 0.4028,
0.3882


273.7086, 0.3530,
0.3571


 15.4642, 0.4167,
0.3961


 50.3171, 0.3836,
0.3767


 9.1458, 0.4353,
0.4060


 68.5153, 0.3767,
0.3724


 4.8364, 0.4611,
0.4182

 90.6445, 0.3710,
0.3688

 2.1516, 0.5200,
0.4511

 117.0891, 0.3662,
0.3657

 0.6934, 0.5608,
0.4392

 148.2333, 0.3622,
0.3631

 0.0000, 0.0000,
0.0000

184.4617, 0.3587,

0.3608

226.1587, 0.3557,
0.3588

■ 24.1759, 0.4028,
0.3882

■ 24.1759, 0.4028,
0.3882

■ 21.8866, 0.4285,
0.4001

■ 26.7005, 0.3790,
0.3751

■ 19.8209, 0.4552,
0.4097

■ 29.4645, 0.3574,
0.3617

■ 17.9711, 0.4818,
0.4159

■ 32.4764, 0.3381,
0.3484

■ 16.3276, 0.5066,
0.4174

■ 35.7429, 0.3211,
0.3357

■ 14.8790, 0.5282,
0.4138

■ 39.2706, 0.3062,
0.3237

■ 14.2775, 0.5376,
0.4113

■ 43.0659, 0.2932,
0.3125

■ 47.1346, 0.2818,
0.3022

■ 51.4828, 0.2719,
0.2928

■ 56.1159, 0.2632,
0.2842

Harmonies

Analogous

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



24.1759, 0.4073, 0.3522



24.1759, 0.4028, 0.3882



24.1759, 0.3732, 0.4123

Triad

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



24.1759, 0.4028, 0.3882



24.1759, 0.2451, 0.3391



24.1759, 0.2911, 0.2588

Complementary

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



24.1759, 0.4028, 0.3882



20.0758, 0.2410, 0.2601

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.



24.1759, 0.2514, 0.2521



24.1759, 0.4028, 0.3882



24.1759, 0.2266, 0.2940

Square

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



24.1759, 0.4028, 0.3882



24.1759, 0.2818, 0.3853



24.1759, 0.2289, 0.2636



24.1759, 0.3399, 0.2810

Rectangle

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



24.1759, 0.4028, 0.3882



24.1759, 0.3444, 0.4161



24.1759, 0.2289, 0.2636



24.1759, 0.2763, 0.2547

Sweetspot

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



24.1771, 0.4028, 0.3882



58.8271, 0.3359, 0.3468



16.8591, 0.3705, 0.2711



12.6083, 0.3396, 0.3495



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



24.1771, 0.4028, 0.3882



38.9743, 0.4299, 0.4007



35.6587, 0.3786, 0.4380



7.6511, 0.3273, 0.3404



10.8980, 0.5361, 0.4125



0.3234, 0.4839, 0.4539

Inverse Universe

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



20.0758, 0.2410, 0.2601



30.6606, 0.2249, 0.2405



12.2025, 0.2289, 0.1905



7.4102, 0.2987, 0.3173



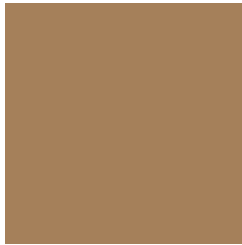
6.6556, 0.1775, 0.1588



0.2344, 0.1961, 0.2258

Previews

White Background



This preview shows how the Yxy color 24.1759, 0.4028, 0.3882 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 24.1759, 0.4028, 0.3882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

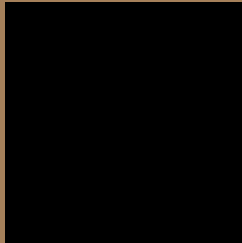
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1759, 0.4028, 0.3882

Background



This preview shows how black text looks on a background with the Yxy color 24.1759, 0.4028, 0.3882.



This preview shows how white text looks on a background with the Yxy color 24.1759, 0.4028, 0.3882.

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

24.1759, 0.4028, 0.3882

Protanopia

24.2293, 0.3714, 0.4000

Deuteranopia

24.1201, 0.3983, 0.3906



Tritanopia

24.2669, 0.3589, 0.3154

Trichromacy



Original Color

24.1759, 0.4028, 0.3882

Protanomaly

24.0475, 0.3829, 0.3948

Deuteranomaly

24.2252, 0.3996, 0.3903

Tritanomaly

24.2764, 0.3755, 0.3415

Monochromacy



Original Color

24.1759, 0.4028, 0.3882

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.9454, 0.3435, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1759, 0.4028, 0.3882 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(165, 128, 90)` looks like.

```
.text, #text, p{  
    color:rgb(165, 128, 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(165, 128, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 128, 90) }
```

Border

The CSS property to change the border of an element to Yxy 24.1759, 0.4028, 0.3882 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(165, 128, 90) }
```

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

```
.border{ border-color:rgb(165, 128, 90) }
```

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

Here you see how a box with a 4 pixel rgb(165, 128, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 128, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 128, 90);  
box-shadow:4px 4px 4px 4px rgb(165, 128,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1759, 0.4028, 0.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 128, 90) }
```

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

```
.background{ background-color: rgb(165,  
128, 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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