

Converting Colors

$Yxy(30.5842, 0.3784, 0.3773)$

Have a look what the booklet for
Yxy(30.5842, 0.3784, 0.3773)
contains.

Yxy(30.4417, 0.3778, 0.3763)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(30.4417, 0.3778, 0.3763)

Conversions

Conversions Part 1

Format	Color
Hex	AE9171
RGB	174, 145, 113
RGB Percent	68%, 57%, 44%
CMY	0.3176, 0.4314, 0.5568
CMYK	0.00, 0.17, 0.35, 0.32
HSL	31°, 27%, 56%
HSV	31°, 35%, 68%
XYZ	30.5630, 30.4417, 19.8927
YIQ	150.0230, 27.5560, -3.8040

Conversions

Conversions Part 2

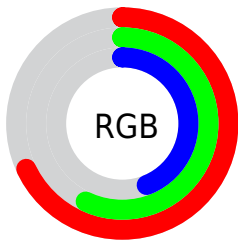
Format	Color
RYB	168, 174, 113
Decimal	11440497
CIELab	62.03, 6.20, 21.05
CIELCh	62, 21.948, 73.597
Yxy	30.4417, 0.3778, 0.3763
Android (android.graphics.Color)	4289630577 (0xFFAE9171)
YUV	150.0230, -18.2523, 21.0278
Hunter-Lab	55.1740, 2.3237, 17.2451

Details

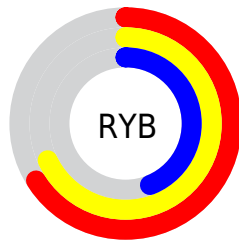
The Yxy color **30.4417, 0.3778, 0.3763** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **25.9202, 0.2572, 0.2763**, and the grayscale version is **30.5810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3865, 0.3642, 0.3675**, and **12.5591, 0.3985, 0.3912** is the 20% darker color. If you saturate the color by 10%, you get **27.6504, 0.4013, 0.3899**, and if you desaturate by 10%, it is **33.4952, 0.3564, 0.3623**.

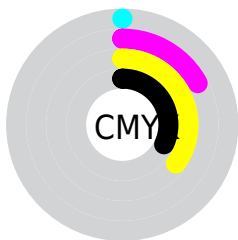
Distribution



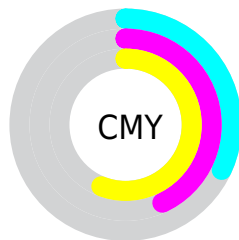
- Red (68%)
- Green (57%)
- Blue (44%)



- Red (66%)
- Yellow (68%)
- Blue (44%)



- Cyan (0%)
- Magenta (17%)
- Yellow (35%)
- Black (32%)



- Cyan (32%)
- Magenta (43%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4417, 0.3778, 0.3763 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 30.4417, 0.3778, 0.3763 by changing the saturation by 10% instead.


 30.4417, 0.3778,
0.3763


 30.4417, 0.3778,
0.3763

303.9579, 0.3429,
0.3517

 20.1741, 0.3872,
0.3826


 60.3600, 0.3646,
0.3672


 12.5217, 0.3997,
0.3908


 80.7795, 0.3598,
0.3638

 7.1000, 0.4170,
0.4016


 105.3517, 0.3558,
0.3610

 3.5247, 0.4421,
0.4161

 134.4611, 0.3524,
0.3586

 1.4114, 0.5248,
0.4752

168.4920, 0.3495,
0.3565

 0.2251, 0.6187,
0.3813

207.8289, 0.3470,

 0.0000, 0.0000,

0.3547

0.0000

252.8560, 0.3449,
0.3531

■ 30.4417, 0.3778,
0.3763

■ 30.4417, 0.3778,
0.3763

■ 27.6504, 0.4013,
0.3899

■ 33.4952, 0.3564,
0.3623

■ 25.1088, 0.4264,
0.4023

■ 36.8145, 0.3374,
0.3486

■ 22.8096, 0.4525,
0.4124

■ 40.4082, 0.3205,
0.3354

■ 20.7433, 0.4784,
0.4190

■ 44.2834, 0.3056,
0.3230

■ 18.8995, 0.5024,
0.4210

■ 48.4469, 0.2926,
0.3114

■ 17.2660, 0.5232,
0.4177

■ 52.9050, 0.2812,
0.3007

■ 16.5250, 0.5329,
0.4150

■ 57.6641, 0.2713,
0.2910

■ 62.7302, 0.2626,
0.2820

■ 67.1311, 0.2623,
0.2888

Harmonies

Analogous

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



30.4417, 0.3827, 0.3505



30.4417, 0.3778, 0.3763



30.4417, 0.3550, 0.3912

Triad

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



30.4417, 0.3778, 0.3763



30.4417, 0.2603, 0.3334



30.4417, 0.3007, 0.2773

Complementary

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



30.4417, 0.3778, 0.3763



25.9202, 0.2572, 0.2763

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.



30.4417, 0.2698, 0.2711



30.4417, 0.3778, 0.3763



30.4417, 0.2475, 0.3011

Square

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



30.4417, 0.3778, 0.3763



30.4417, 0.2870, 0.3666



30.4417, 0.2509, 0.2791



30.4417, 0.3367, 0.2953

Rectangle

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



30.4417, 0.3778, 0.3763



30.4417, 0.3333, 0.3916



30.4417, 0.2509, 0.2791



30.4417, 0.2894, 0.2738

Sweetspot

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



30.4431, 0.3778, 0.3763



69.2269, 0.3306, 0.3434



22.7813, 0.3546, 0.2856



15.1974, 0.3329, 0.3452



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



30.4431, 0.3778, 0.3763



51.2791, 0.3957, 0.3868



40.3493, 0.3635, 0.4149



8.6843, 0.3274, 0.3409



12.1046, 0.5313, 0.4163



0.4454, 0.4890, 0.4499

Inverse Universe

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



25.9202, 0.2572, 0.2763



41.8480, 0.2447, 0.2623



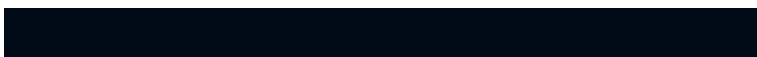
18.4501, 0.2515, 0.2265



8.3619, 0.2986, 0.3168



6.7931, 0.1757, 0.1524



0.2990, 0.1917, 0.2101

Previews

White Background



This preview shows how the Yxy color 30.4417, 0.3778, 0.3763 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.4417, 0.3778, 0.3763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

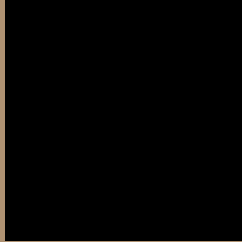
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4417, 0.3778, 0.3763

Background



This preview shows how black text looks on a background with the Yxy color 30.4417, 0.3778, 0.3763.



This preview shows how white text looks on a background with the Yxy color 30.4417, 0.3778, 0.3763.

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

30.4417, 0.3778, 0.3763

Protanopia

30.5241, 0.3579, 0.3833

Deuteranopia

30.4859, 0.3817, 0.3743



Tritanopia

30.4555, 0.3429, 0.3134

Trichromacy



Original Color

30.4417, 0.3778, 0.3763

Protanomaly

30.3940, 0.3653, 0.3809

Deuteranomaly

30.3689, 0.3806, 0.3745

Tritanomaly

30.4993, 0.3565, 0.3364

Monochromacy



Original Color

30.4417, 0.3778, 0.3763

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.3569, 0.3351, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4417, 0.3778, 0.3763 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(174, 145, 113)` looks like.

```
.text, #text, p{  
    color:rgb(174, 145, 113)  
}
```

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(174, 145, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 145, 113) }
```

Border

The CSS property to change the border of an element to Yxy 30.4417, 0.3778, 0.3763 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(174, 145, 113) }
```

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

```
.border{ border-color:rgb(174, 145, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 145, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 145, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 145, 113);  
box-shadow:4px 4px 4px 4px rgb(174, 145,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4417, 0.3778, 0.3763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 145, 113) }
```

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

```
.background{ background-color: rgb(174,  
145, 113) }
```

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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