

Converting Colors

YUV(98.4430, -12.0504, -8.2815)

Have a look what the booklet for
YUV(98.4430, -12.0504, -8.2815)
contains.

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Color

**YUV(98.4430, -12.0504,
-8.2815)**

Conversions

Conversions Part 1

Format	Color
Hex	596C4A
RGB	89, 108, 74
RGB Percent	35%, 42%, 29%
CMY	0.6510, 0.5765, 0.7098
CMYK	0.18, 0.00, 0.31, 0.58
HSL	94°, 19%, 36%
HSV	94°, 31%, 42%
XYZ	10.7184, 13.3434, 8.4892
YIQ	98.4430, -0.4100, -14.6020

Conversions

Conversions Part 2

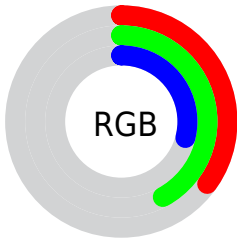
Format	Color
R_{YB}	74, 108, 93
Decimal	5860426
CIE _{Lab}	43.28, -13.94, 16.76
CIE _{LCh}	43, 21.796, 129.744
Yxy	13.3434, 0.3293, 0.4099
Android (android.graphics.Color)	4284050506 (0xFF596C4A)
YUV	98.4430, -12.0504, -8.2815
Hunter-Lab	36.5286, -11.5486, 11.7911

Details

The YUV color **98.4430, -12.0504, -8.2815** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **83.5570, 12.0504, 8.2815**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9160, -12.7766, -8.6963**, and **52.0840, -10.8874, -7.9667** is the 20% darker color. If you saturate the color by 10%, you get **95.3950, -15.9707, -10.8704**, and if you desaturate by 10%, it is **101.4910, -8.1301, -5.6926**.

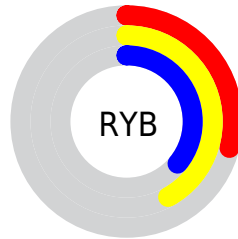
Distribution



Red (35%)

Green (42%)

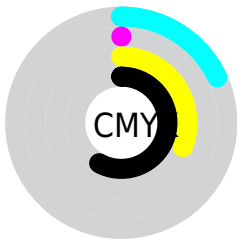
Blue (29%)



Red (29%)

Yellow (42%)

Blue (36%)

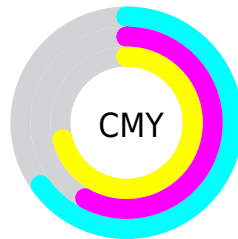


Cyan (18%)

Magenta (0%)

Yellow (31%)

Black (58%)



Cyan (65%)

Magenta (58%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.4430, -12.0504, -8.2815 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 YUV color 98.4430, -12.0504, -8.2815 by changing the saturation by 10% instead.

■ 98.4430, -12.0504,
-8.2815

■ 98.4430, -12.0504,
-8.2815

■ 255.0000, 0.0000,
0.0000

■ 74.5570, -11.6136,
-8.3815

■ 148.9160,
-12.7766, -8.6963

■ 52.0840, -10.8874,
-7.9667

■ 175.8020,
-13.2134, -8.5964

■ 30.1550, -11.9084,
-7.1519

■ 203.3890,
-13.5028, -9.1112

■ 11.7400, -5.7878,
-10.2960

■ 231.8620,
-14.2290, -9.5260

■ 0.0000, 0.0000,
0.0000

■ 250.7690, -9.7461,
-0.6744

■ 98.4430, -12.0504,
-8.2815

■ 98.4430, -12.0504,
-8.2815

■ 95.3950, -15.9707,
-10.8704

■ 101.4910, -8.1301,
-5.6926

■ 92.3470, -19.8911,
-13.4593

■ 104.5390, -4.2097,
-3.1037

■ 89.4130, -23.3746,
-16.1482

■ 107.4730, -0.7262,
-0.4148

■ 86.3650, -27.2949,
-18.7371

■ 110.5210, 3.1941,
2.1741

■ 83.3170, -31.2153,
-21.3260

■ 113.5690, 7.1145,
4.7630

■ 80.2690, -35.1356,
-23.9149

■ 116.6170, 11.0348,
7.3519

■ 77.7480, -38.3298,
-26.0890

■ 119.6650, 14.9552,
9.9408

■ 122.5990, 18.4387,

12.6297

■ 125.6470, 22.3590,
15.2186

Harmonies

Analogous

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



100.5760, -17.0460, 7.3878



98.4430, -12.0504, -8.2815



95.6350, -3.2711, -24.2359

Triad

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



98.4430, -12.0504, -8.2815



96.2530, 19.5953, -31.7939



104.5630, -3.7286, 29.3242

Complementary

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



98.4430, -12.0504, -8.2815



83.5570, 12.0504, 8.2815

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.



104.8100, 5.0237, 22.0916



98.4430, -12.0504, -8.2815



101.6190, 17.9358, -12.8209

Square

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



98.4430, -12.0504, -8.2815



92.2640, 16.1388, -43.2045



104.6600, 12.4926, 6.4372



103.2010, -11.4381, 28.7647

Rectangle

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



98.4430, -12.0504, -8.2815



93.4040, 3.7448, -34.5573



104.6600, 12.4926, 6.4372



104.6490, -0.8130, 27.4948

Sweetspot

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



98.4430, -12.0504, -8.2815



136.5390, -4.2097, -3.1037



95.3190, -10.5103, 11.1212



69.0060, -2.4680, -1.7593



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



98.4430, -12.0504, -8.2815



124.9880, -18.7281, -13.1445



94.1860, -8.9657, -17.7031



52.4190, -2.1786, -1.2445



84.2270, -41.5239, -28.2631



176.1070, -86.8208, -59.7298

Inverse Universe

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



83.5570, 12.0504, 8.2815



102.0120, 18.7281, 13.1445



87.8140, 8.9657, 17.7031



49.5810, 2.1786, 1.2445



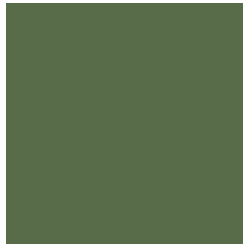
33.0720, 41.3765, 28.8779



68.8930, 86.8208, 59.7298

Previews

White Background



This preview shows how the YUV color 98.4430, -12.0504, -8.2815 looks on a white 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

Black Background



This preview shows how the YUV color 98.4430, -12.0504, -8.2815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

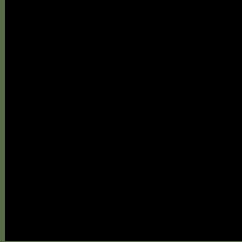
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

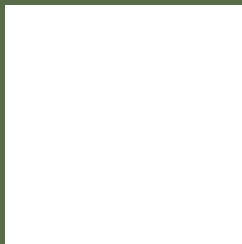
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 98.4430, -12.0504, -8.2815

Background



This preview shows how black text looks on a background with the YUV color 98.4430, -12.0504, -8.2815.



This preview shows how white text looks on a background with the YUV color 98.4430, -12.0504, -8.2815.

-8.2815.

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

98.4430, -12.0504, -8.2815

Protanopia

100.8580, -14.7200, 8.0175

Deuteranopia

102.0700, -12.8525, 15.7246



Tritanopia

101.5200, 4.6736, -5.7180

Trichromacy



Original Color

98.4430, -12.0504, -8.2815

Protanomaly

99.7540, -13.6827, 1.9697

Deuteranomaly

101.0150, -12.8254, 7.0028

Tritanomaly

100.6140, -1.2887, -6.6775

Monochromacy



Original Color

98.4430, -12.0504, -8.2815

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.4250, -4.6465, -3.0037

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.4430, -12.0504, -8.2815 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(89, 108, 74)` looks like.

```
.text, #text, p{  
    color:rgb(89, 108, 74)  
}
```

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(89, 108, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 108, 74) }
```

Border

The CSS property to change the border of an element to YUV 98.4430, -12.0504, -8.2815 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(89, 108, 74) }
```


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

```
.border{ border-color:rgb(89, 108, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 108, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 108, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 108, 74);  
box-shadow:4px 4px 4px 4px rgb(89, 108,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 98.4430, -12.0504, -8.2815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 108, 74) }
```

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

```
.background{ background-color: rgb(89, 108,  
74) }
```

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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