

Converting Colors

YUV(106.9980, -43.8760,
26.3118)

Have a look what the booklet for
YUV(106.9980, -43.8760, 26.3118)
contains.

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Color

**YUV(106.9980, -43.8760,
26.3118)**

Conversions

Conversions Part 1

Format	Color
Hex	896D12
RGB	137, 109, 18
RGB Percent	54%, 43%, 7%
CMY	0.4627, 0.5725, 0.9294
CMYK	0.00, 0.20, 0.87, 0.46
HSL	46°, 77%, 30%
HSV	46°, 87%, 54%
XYZ	15.8943, 16.2993, 2.8806
YIQ	106.9980, 45.8990, -22.3650

Conversions

Conversions Part 2

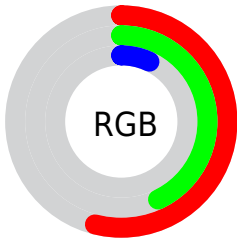
Format	Color
RYB	55, 137, 18
Decimal	9006354
CIELab	47.36, 2.34, 49.66
CIElCh	47, 49.710, 87.297
Yxy	16.2993, 0.4532, 0.4647
Android (android.graphics.Color)	4287196434 (0xFF896D12)
YUV	106.9980, -43.8760, 26.3118
Hunter-Lab	40.3724, -0.3775, 24.0303

Details

The YUV color **106.9980, -43.8760, 26.3118** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **48.0020, 43.8760, -26.3118**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1340, -43.4501, 29.7005**, and **61.2110, -30.1770, 19.1090** is the 20% darker color. If you saturate the color by 10%, you get **103.6410, -49.1230, 29.2558**, and if you desaturate by 10%, it is **110.3550, -38.6290, 23.3677**.

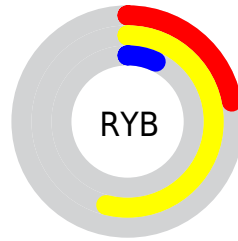
Distribution



Red (54%)

Green (43%)

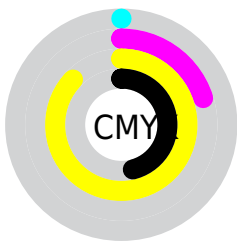
Blue (7%)



Red (22%)

Yellow (54%)

Blue (7%)

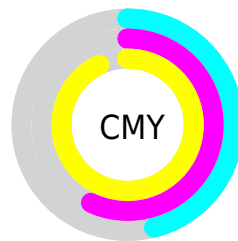


Cyan (0%)

Magenta (20%)

Yellow (87%)

Black (46%)



Cyan (46%)

Magenta (57%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.9980, -43.8760, 26.3118 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 106.9980, -43.8760, 26.3118 by changing the saturation by 10% instead.


 106.9980,
-43.8760, 26.3118


 106.9980,
-43.8760, 26.3118


255.0000, 0.0000,
0.0000


 82.4860, -40.6656,
23.2528


 160.1340,
-43.4501, 29.7005


 61.2110, -30.1770,
19.1090


 187.5040,
-44.6185, 31.1300

 40.5230, -19.9778,
14.4503

 215.8740,
-45.7869, 32.5595

 21.3080, -10.5048,
9.3769

 235.9860,
-42.3911, 16.6753

 0.0000, 0.0000,
0.0000

 246.2220,
-33.6334, 7.6983

 249.4140,

-21.4031, 4.8989

■ 252.6060, -9.1728,
2.0995

■ 106.9980,
-43.8760, 26.3118

■ 106.9980,
-43.8760, 26.3118

■ 103.6410,
-49.1230, 29.2558

■ 110.3550,
-38.6290, 23.3677

■ 102.5980,
-50.5808, 30.1706

■ 113.5980,
-33.8188, 20.5236

■ 117.5420,
-28.8612, 17.0647

■ 120.8990,
-23.6142, 14.1206

■ 124.2560,
-18.3672, 11.1765

■ 127.4990,
-13.5570, 8.3324

■ 131.4430, -8.5994,
4.8735

■ 134.8000, -3.3524,
1.9294

■ 138.0430, 1.4578,
-0.9147

Harmonies

Analogous

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



109.4970, -33.7690, 51.3071



106.9980, -43.8760, 26.3118



103.1510, -36.0634, -6.2714

Triad

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



106.9980, -43.8760, 26.3118



94.5840, 27.3201, -82.9502



115.4480, 20.9781, 38.1951

Complementary

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



106.9980, -43.8760, 26.3118



48.0020, 43.8760, -26.3118

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.



113.4730, 36.2488, -6.5538



106.9980, -43.8760, 26.3118



95.8840, 42.4552, -84.0903

Square

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



106.9980, -43.8760, 26.3118



89.6820, 8.5378, -78.6511



91.6100, 51.4643, -80.3420



111.6180, 3.1463, 64.3560

Rectangle

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



106.9980, -43.8760, 26.3118



98.7160, -23.0310, -33.0769



91.6100, 51.4643, -80.3420



116.1520, 26.5471, 25.2997

Sweetspot

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



106.9980, -43.8760, 26.3118



167.1850, -17.3462, 10.3618



57.0010, -4.4375, 70.1591



82.4000, -10.0572, 5.7882



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



106.9980, -43.8760, 26.3118



133.3530, -65.7430, 40.0324



114.4640, -47.5568, -6.5459



67.0280, -2.4788, 1.7294



99.0540, -48.8336, 29.7706



3.8430, -1.8946, 1.0147

Inverse Universe

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



48.0020, 43.8760, -26.3118



45.0600, 66.0324, -39.5176



40.5360, 47.5568, 6.5459



63.9720, 2.4788, -1.7294



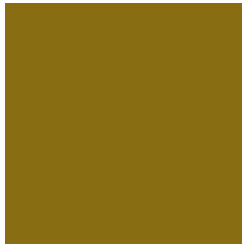
33.3590, 49.1230, -29.2558



1.1570, 1.8946, -1.0147

Previews

White Background



This preview shows how the YUV color 106.9980, -43.8760, 26.3118 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 106.9980, -43.8760, 26.3118 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 106.9980, -43.8760, 26.3118

Background



This preview shows how black text looks on a background with the YUV color 106.9980, -43.8760, 26.3118.



This preview shows how white text looks on a background with the YUV color 106.9980, -43.8760, 26.3118.

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

106.9980, -43.8760, 26.3118

Protanopia

106.4700, -43.1227, 18.0048

Deuteranopia

107.5470, -43.1607, 30.2153



Tritanopia

114.1710, -2.5493, 24.4060

Trichromacy



Original Color

106.9980, -43.8760, 26.3118

Protanomaly

107.0790, -43.4229, 20.9787

Deuteranomaly

107.4220, -43.5920, 28.5709

Tritanomaly

111.5720, -17.5370, 24.9314

Monochromacy



Original Color

106.9980, -43.8760, 26.3118

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.2280, -15.8884, 9.4470

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.9980, -43.8760, 26.3118 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(137, 109, 18)` looks like.

```
.text, #text, p{  
    color:rgb(137, 109, 18)  
}
```

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(137, 109, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 109, 18) }
```

Border

The CSS property to change the border of an element to YUV 106.9980, -43.8760, 26.3118 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(137, 109, 18) }
```


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

```
.border{ border-color:rgb(137, 109, 18) }
```

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

Here you see how a box with a 4 pixel rgb(137, 109, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 109, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 109, 18);  
box-shadow:4px 4px 4px 4px rgb(137, 109,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 106.9980, -43.8760, 26.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 109, 18) }
```

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

```
.background{ background-color: rgb(137,  
109, 18) }
```

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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