

Converting Colors

YUV(106.1680, -11.4218,
23.5317)

Have a look what the booklet for
YUV(106.1680, -11.4218, 23.5317)
contains.

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Color

**YUV(106.1680, -11.4218,
23.5317)**

Conversions

Conversions Part 1

Format	Color
Hex	856153
RGB	133, 97, 83
RGB Percent	52%, 38%, 33%
CMY	0.4784, 0.6196, 0.6745
CMYK	0.00, 0.27, 0.38, 0.48
HSL	17°, 23%, 42%
HSV	17°, 38%, 52%
XYZ	15.5089, 14.1605, 10.0994
YIQ	106.1680, 25.9500, 3.2780

Conversions

Conversions Part 2

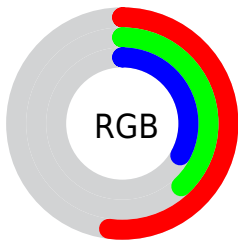
Format	Color
R_{YB}	133, 102, 83
Decimal	8741203
CIE _{Lab}	44.46, 12.61, 13.71
CIE _{LCh}	44, 18.629, 47.396
Yxy	14.1605, 0.3900, 0.3561
Android (android.graphics.Color)	4286931283 (0xFF856153)
YUV	106.1680, -11.4218, 23.5317
Hunter-Lab	37.6304, 7.7133, 10.4287

Details

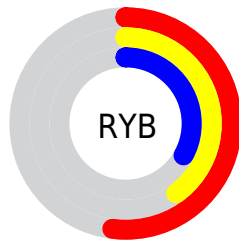
The YUV color **106.1680, -11.4218, 23.5317** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **109.8320, 11.4218, -23.5317**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9510, -12.3008, 25.4760**, and **58.2000, -9.9586, 20.8726** is the 20% darker color. If you saturate the color by 10%, you get **98.8160, -14.2063, 29.9794**, and if you desaturate by 10%, it is **113.5200, -8.6374, 17.0840**.

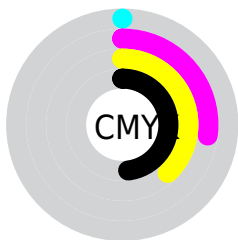
Distribution



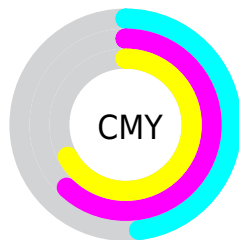
- Red (52%)
- Green (38%)
- Blue (33%)



- Red (52%)
- Yellow (40%)
- Blue (33%)



- Cyan (0%)
- Magenta (27%)
- Yellow (38%)
- Black (48%)



- Cyan (48%)
- Magenta (62%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.1680, -11.4218, 23.5317 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 106.1680, -11.4218, 23.5317 by changing the saturation by 10% instead.

■ 106.1680,
-11.4218, 23.5317

■ 106.1680,
-11.4218, 23.5317

■ 255.0000, 0.0000,
0.0000

■ 81.6840, -10.6902,
22.2021

■ 157.9510,
-12.3008, 25.4760

■ 58.2000, -9.9586,
20.8726

■ 184.5490,
-12.5957, 26.7055

■ 36.4170, -9.0796,
18.9283

■ 212.7340,
-13.1799, 27.4203

■ 14.2860, -7.0430,
19.0432

■ 235.5370,
-11.1107, 17.0691

■ 0.0000, 0.0000,
0.0000

■ 253.5180, -5.6784,
1.2997

■ 106.1680,
-11.4218, 23.5317

■ 106.1680,
-11.4218, 23.5317

■ 98.8160, -14.2063,
29.9794

■ 113.5200, -8.6374,
17.0840

■ 91.9370, -17.7169,
36.0123

■ 120.3990, -5.1267,
11.0511

■ 84.5850, -20.5014,
42.4600

■ 127.7510, -2.3422,
4.6034

■ 77.8200, -23.5753,
48.3929

■ 134.5160, 0.7316,
-1.3295

■ 70.4680, -26.3597,
54.8406

■ 141.9820, 3.9529,
-7.8772

■ 63.5890, -29.8704,
60.8734

■ 148.7470, 7.0267,
-13.8101

■ 61.4860, -30.3126,
62.7178

■ 156.0990, 9.8112,
-20.2578

■ 163.4510, 12.5957,

-26.7055

■ 170.3300, 16.1063,
-32.7384

Harmonies

Analogous

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



107.1990, -5.0281, 26.1355



106.1680, -11.4218, 23.5317



104.9020, -14.7417, 14.9949

Triad

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



106.1680, -11.4218, 23.5317



99.0310, -0.5083, -23.7062



105.4520, 14.5672, -5.6584

Complementary

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



106.1680, -11.4218, 23.5317



109.8320, 11.4218, -23.5317

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.



102.3960, 16.0738, -22.2723



106.1680, -11.4218, 23.5317



97.8540, 7.9600, -33.1980

Square

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



106.1680, -11.4218, 23.5317



101.3440, -8.5506, -10.8257



98.4610, 14.0697, -32.8533



107.1720, 9.2822, 9.4962

Rectangle

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



106.1680, -11.4218, 23.5317



103.8580, -14.7200, 8.0175



98.4610, 14.0697, -32.8533



104.3480, 15.6044, -11.7062

Sweetspot

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



106.1680, -11.4218, 23.5317



163.2030, -4.5371, 8.5920



102.1680, 8.7912, 27.0397



80.9360, -2.9264, 5.3181



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



106.1680, -11.4218, 23.5317



131.2360, -17.8643, 36.6270



120.2560, -18.3672, 11.1765



62.9680, -1.4632, 2.6591



60.0020, -29.5810, 61.3882



1.4840, -0.7316, 1.3295

Inverse Universe

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



109.8320, 11.4218, -23.5317



137.3510, 17.5750, -37.1418



95.7440, 18.3672, -11.1765



63.0320, 1.4632, -2.6591



69.9980, 29.5810, -61.3882



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 106.1680, -11.4218, 23.5317 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 106.1680, -11.4218, 23.5317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

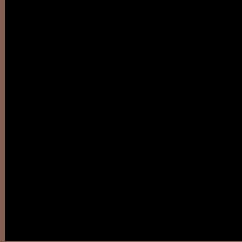
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.1680, -11.4218, 23.5317

Background



This preview shows how black text looks on a background with the YUV color 106.1680, -11.4218, 23.5317.



This preview shows how white text looks on a background with the YUV color 106.1680, -11.4218, 23.5317.

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

106.1680, -11.4218, 23.5317

Protanopia

104.7420, -8.7468, 5.4883

Deuteranopia

105.4120, -11.5421, 15.4247



Tritanopia

107.1710, -2.5493, 24.4060

Trichromacy



Original Color

106.1680, -11.4218, 23.5317

Protanomaly

105.2590, -9.4947, 12.0509

Deuteranomaly

106.0210, -11.8424, 18.3986

Tritanomaly

106.6610, -5.7489, 23.9763

Monochromacy



Original Color

106.1680, -11.4218, 23.5317

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.3170, -4.1003, 8.4920

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.1680, -11.4218, 23.5317 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(133, 97, 83)` looks like.

```
.text, #text, p{  
    color:rgb(133, 97, 83)  
}
```

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(133, 97, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 97, 83) }
```

Border

The CSS property to change the border of an element to YUV 106.1680, -11.4218, 23.5317 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(133, 97, 83) }
```


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

```
.border{ border-color:rgb(133, 97, 83) }
```

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

Here you see how a box with a 4 pixel rgb(133, 97, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 97, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 97, 83);  
box-shadow:4px 4px 4px 4px rgb(133, 97,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 106.1680, -11.4218, 23.5317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 97, 83) }
```

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

```
.background{ background-color: rgb(133, 97,  
83) }
```

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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