

Converting Colors

YUV(112.7420, -55.5818,
47.5843)

Have a look what the booklet for
YUV(112.7420, -55.5818, 47.5843)
contains.

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Color

**YUV(112.7420, -55.5818,
47.5843)**

Conversions

Conversions Part 1

Format	Color
Hex	A76B00
RGB	167, 107, 0
RGB Percent	65%, 42%, 0%
CMY	0.3451, 0.5804, 1.0000
CMYK	0.00, 0.36, 1.00, 0.35
HSL	38°, 100%, 33%
HSV	38°, 100%, 65%
XYZ	21.1940, 18.7309, 2.4984
YIQ	112.7420, 70.1070, -20.5570

Conversions

Conversions Part 2

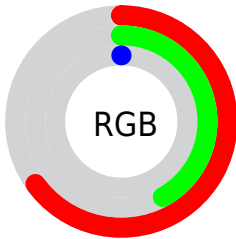
Format	Color
R_{YB}	94, 167, 0
Decimal	10971904
CIE _{Lab}	50.37, 17.12, 57.60
CIE _{LCh}	50, 60.090, 73.449
Yxy	18.7309, 0.4996, 0.4415
Android (android.graphics.Color)	4289161984 (0xFFA76B00)
YUV	112.7420, -55.5818, 47.5843
Hunter-Lab	43.2792, 11.6738, 26.8728

Details

The YUV color **112.7420, -55.5818, 47.5843** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **54.2580, 55.5818, -47.5843**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8010, -51.6669, 51.9175**, and **67.8110, -33.4308, 36.1228** is the 20% darker color. If you saturate the color by 10%, you get **112.7420, -55.5818, 47.5843**, and if you desaturate by 10%, it is **118.2020, -49.8926, 42.7958**.

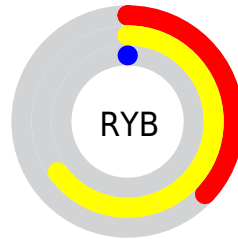
Distribution



Red (65%)

Green (42%)

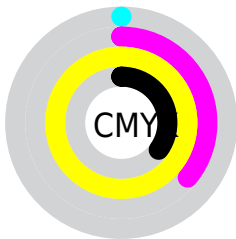
Blue (0%)



Red (37%)

Yellow (65%)

Blue (0%)

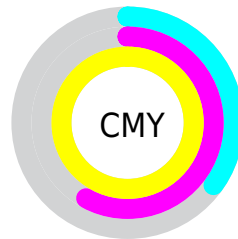


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (35%)



Cyan (35%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7420, -55.5818, 47.5843 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 112.7420, -55.5818, 47.5843 by changing the saturation by 10% instead.

■ 112.7420,
-55.5818, 47.5843

■ 112.7420,
-55.5818, 47.5843

255.0000, 0.0000,
0.0000

■ 89.9830, -44.3616,
42.1109

■ 167.8010,
-51.6669, 51.9175

■ 67.8110, -33.4308,
36.1228

■ 195.1000,
-51.8143, 52.5323

■ 46.5250, -22.9368,
30.2346

■ 214.5000,
-48.5605, 35.5185

■ 26.1250, -12.8796,
24.4464

■ 234.0140,
-44.8699, 18.4047


■ 9.6820, -4.2802,
19.5729


■ 245.3100,
-37.1278, 8.4981


■ 0.0000, 0.0000,
0.0000


■ 248.5020,

-24.8975, 5.6987

 251.8080,
-12.2303, 2.7994


 112.7420,
-55.5818, 47.5843

 118.2020,
-49.8926, 42.7958

 123.5480,
-44.6402, 38.1074

 129.0080,
-38.9509, 33.3190

 134.4680,
-33.2617, 28.5306

 139.8140,
-28.0093, 23.8421

■ 145.2740,
-22.3201, 19.0537

■ 150.7340,
-16.6309, 14.2653

■ 156.1940,
-10.9416, 9.4769

■ 161.5400, -5.6892,
4.7884

Harmonies

Analogous

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



114.6230, -31.3661, 73.9986



112.7420, -55.5818, 47.5843



110.1520, -54.3049, 11.2677

Triad

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



112.7420, -55.5818, 47.5843



100.1290, 20.6424, -87.8131



123.1440, 35.4250, 24.4297

Complementary

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



112.7420, -55.5818, 47.5843



54.2580, 55.5818, -47.5843

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.



108.1000, 55.1667, -54.4617



112.7420, -55.5818, 47.5843



104.3130, 41.7507, -91.4825

Square

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



112.7420, -55.5818, 47.5843



93.5000, -2.2185, -81.9995



103.5100, 56.4436, -90.7783



118.2670, 15.6444, 69.0488

Rectangle

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



112.7420, -55.5818, 47.5843



106.0650, -42.4300, -17.5970



103.5100, 56.4436, -90.7783



121.9180, 41.4524, 4.4569

Sweetspot

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



112.7420, -55.5818, 47.5843



195.5020, -21.4465, 18.8537



56.8870, 2.0277, 96.5691



96.6350, -13.1311, 11.7211



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



112.7420, -55.5818, 47.5843



146.4760, -72.2127, 61.8495



141.3840, -69.7023, 3.1712



81.3270, -2.6262, 2.3442



100.0170, -49.3084, 42.0811



13.6110, -6.7102, 5.6032

Inverse Universe

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



54.2580, 55.5818, -47.5843



70.5240, 72.2127, -61.8495



25.6160, 69.7023, -3.1712



78.6730, 2.6262, -2.3442



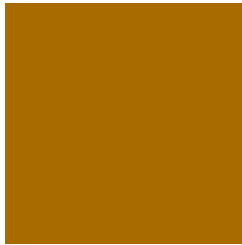
47.9830, 49.3084, -42.0811



6.3890, 6.7102, -5.6032

Previews

White Background



This preview shows how the YUV color 112.7420, -55.5818, 47.5843 looks on a white background.

Color Contrast Check

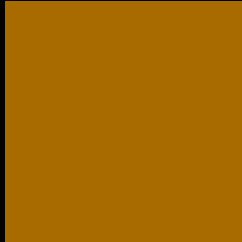
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 112.7420, -55.5818, 47.5843 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](#).

YUV 112.7420, -55.5818, 47.5843

Background



This preview shows how black text looks on a background with the YUV color 112.7420, -55.5818, 47.5843.



This preview shows how white text looks on a background with the YUV color 112.7420, -55.5818, 47.5843.

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

112.7420, -55.5818, 47.5843

Protanopia

113.0590, -49.8221, 20.1193

Deuteranopia

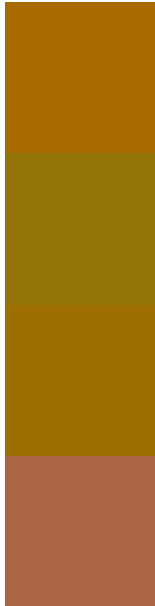
112.3660, -55.3964, 34.7590



Tritanopia

121.4400, -7.1189, 43.4641

Trichromacy



Original Color

112.7420, -55.5818, 47.5843

Protanomaly

112.9570, -51.7438, 29.8557

Deuteranomaly

112.1000, -55.2653, 39.3773

Tritanomaly

118.4560, -24.8748, 45.2041

Monochromacy



Original Color

112.7420, -55.5818, 47.5843

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1320, -20.2781, 17.4242

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7420, -55.5818, 47.5843 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(167, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(167, 107, 0)  
}
```

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(167, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 107, 0) }
```

Border

The CSS property to change the border of an element to YUV 112.7420, -55.5818, 47.5843 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(167, 107, 0) }
```


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

```
.border{ border-color:rgb(167, 107, 0) }
```

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

Here you see how a box with a 4 pixel rgb(167, 107, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(167, 107,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 112.7420, -55.5818, 47.5843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 107, 0) }
```

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

```
.background{ background-color: rgb(167,  
107, 0) }
```

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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