

Converting Colors

YUV(113.9080, -47.2826,
45.6847)

Have a look what the booklet for
YUV(113.9080, -47.2826, 45.6847)
contains.

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Color

**YUV(113.9080, -47.2826,
45.6847)**

Conversions

Conversions Part 1

Format	Color
Hex	A66A12
RGB	166, 106, 18
RGB Percent	65%, 42%, 7%
CMY	0.3490, 0.5843, 0.9294
CMYK	0.00, 0.36, 0.89, 0.35
HSL	36°, 80%, 36%
HSV	36°, 89%, 65%
XYZ	20.9891, 18.4587, 3.0289
YIQ	113.9080, 64.0080, -14.6480

Conversions

Conversions Part 2

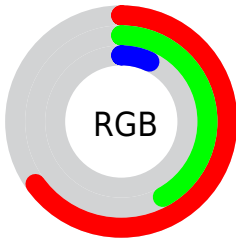
Format	Color
RYB	119, 166, 18
Decimal	10906130
CIELab	50.05, 17.53, 53.28
CIElCh	50, 56.086, 71.786
Yxy	18.4587, 0.4941, 0.4346
Android (android.graphics.Color)	4289096210 (0xFFA66A12)
YUV	113.9080, -47.2826, 45.6847
Hunter-Lab	42.9636, 12.0166, 25.8946

Details

The YUV color **113.9080, -47.2826, 45.6847** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **70.0920, 47.2826, -45.6847**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9410, -47.2989, 50.9177**, and **67.2240, -33.1414, 36.6376** is the 20% darker color. If you saturate the color by 10%, you get **107.8610, -52.6825, 50.9879**, and if you desaturate by 10%, it is **119.9550, -41.8828, 40.3815**.

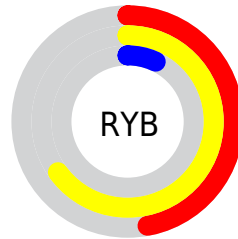
Distribution



Red (65%)

Green (42%)

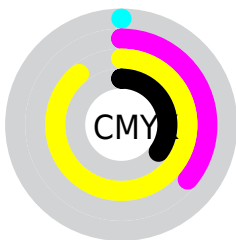
Blue (7%)



Red (47%)

Yellow (65%)

Blue (7%)

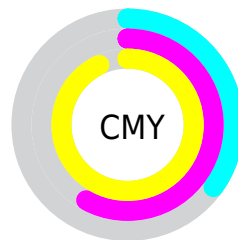


Cyan (0%)

Magenta (36%)

Yellow (89%)

Black (35%)



Cyan (35%)

Magenta (58%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.9080, -47.2826, 45.6847 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 113.9080, -47.2826, 45.6847 by changing the saturation by 10% instead.

■ 113.9080,
-47.2826, 45.6847

■ 113.9080,
-47.2826, 45.6847

255.0000, 0.0000,
0.0000

■ 89.0970, -43.9248,
42.0109

■ 167.9410,
-47.2989, 50.9177

■ 67.2240, -33.1414,
36.6376

■ 195.4250,
-48.0305, 52.2473

■ 45.9380, -22.6474,
30.7494

■ 214.8250,
-44.7767, 35.2335

■ 25.5380, -12.5902,
24.9612

■ 234.3390,
-41.0861, 18.1197

■ 9.3830, -4.1328,
18.9581

■ 246.3360,
-33.1966, 7.5983

■ 0.0000, 0.0000,
0.0000

■ 249.5280,

-20.9663, 4.7989

■ 252.7200, -8.7360,
1.9996

■ 113.9080,
-47.2826, 45.6847

■ 113.9080,
-47.2826, 45.6847

■ 107.8610,
-52.6825, 50.9879

■ 119.9550,
-41.8828, 40.3815

■ 107.7470,
-53.1193, 51.0879

■ 125.3010,
-36.6304, 35.6930

■ 131.3480,
-31.2306, 30.3898

■ 137.2810,
-26.2675, 25.1866

■ 143.3280,
-20.8677, 19.8833

■ 148.7880,
-15.1785, 15.0949

■ 154.7210,
-10.2155, 9.8917

■ 160.7680, -4.8156,
4.5885

■ 166.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



115.2850, -28.7345, 69.9101



113.9080, -47.2826, 45.6847



109.8040, -53.1474, 13.3269

Triad

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



113.9080, -47.2826, 45.6847



98.3850, 19.0372, -86.2836



122.6550, 33.6941, 19.5966

Complementary

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



113.9080, -47.2826, 45.6847



70.0920, 47.2826, -45.6847

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.



107.9000, 51.8143, -52.5323



113.9080, -47.2826, 45.6847



102.9280, 38.9825, -90.2679

Square

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



113.9080, -47.2826, 45.6847



91.5110, -2.2239, -80.2551



101.4240, 53.5280, -88.9488



119.1090, 15.2293, 62.1714

Rectangle

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



113.9080, -47.2826, 45.6847



107.4830, -39.6781, -13.5786



101.4240, 53.5280, -88.9488



121.0270, 39.4267, 0.8533

Sweetspot

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



113.9080, -47.2826, 45.6847



196.1860, -18.8257, 18.2539



69.3200, 5.2652, 84.7884



97.2050, -10.9471, 11.2212



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.



113.9080, -47.2826, 45.6847



140.6060, -69.3188, 66.9975



145.5400, -62.8772, 7.4194



81.3270, -2.6262, 2.3442



95.9080, -47.2826, 45.6847



13.0240, -6.4208, 6.1180

Inverse Universe

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



70.0920, 47.2826, -45.6847



76.3940, 69.3188, -66.9975



38.4600, 62.8772, -7.4194



78.6730, 2.6262, -2.3442



52.0920, 47.2826, -45.6847



6.9760, 6.4208, -6.1180

Previews

White Background



This preview shows how the YUV color 113.9080, -47.2826, 45.6847 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 113.9080, -47.2826, 45.6847 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 113.9080, -47.2826, 45.6847

Background



This preview shows how black text looks on a background with the YUV color 113.9080, -47.2826, 45.6847.



This preview shows how white text looks on a background with the YUV color 113.9080, -47.2826, 45.6847.

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

113.9080, -47.2826, 45.6847

Protanopia

113.3130, -45.0173, 19.0195

Deuteranopia

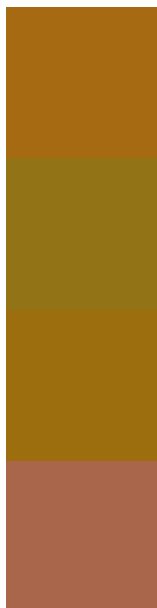
112.6200, -50.5917, 33.6593



Tritanopia

121.0270, -7.4083, 42.9493

Trichromacy



Original Color

113.9080, -47.2826, 45.6847

Protanomaly

113.5530, -45.6286, 28.4560

Deuteranomaly

112.6960, -49.1501, 37.9776

Tritanomaly

118.8410, -22.1066, 43.9894

Monochromacy



Original Color

113.9080, -47.2826, 45.6847

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9300, -17.2205, 16.7244

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.9080, -47.2826, 45.6847 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(166, 106, 18)` looks like.

```
.text, #text, p{  
    color:rgb(166, 106, 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(166, 106, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 106, 18) }
```

Border

The CSS property to change the border of an element to YUV 113.9080, -47.2826, 45.6847 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(166, 106, 18) }
```


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

```
.border{ border-color:rgb(166, 106, 18) }
```

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

Here you see how a box with a 4 pixel rgb(166, 106, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 106, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 106, 18);  
box-shadow:4px 4px 4px 4px rgb(166, 106,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 113.9080, -47.2826, 45.6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 106, 18) }
```

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

```
.background{ background-color: rgb(166,  
106, 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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