

Converting Colors

YUV(116.5840, -42.6859,
17.9048)

Have a look what the booklet for
YUV(116.5840, -42.6859, 17.9048)
contains.

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Color

**YUV(116.5840, -42.6859,
17.9048)**

Conversions

Conversions Part 1

Format	Color
Hex	897B1E
RGB	137, 123, 30
RGB Percent	54%, 48%, 12%
CMY	0.4627, 0.5176, 0.8824
CMYK	0.00, 0.10, 0.78, 0.46
HSL	52°, 64%, 33%
HSV	52°, 78%, 54%
XYZ	17.6338, 19.5780, 4.0778
YIQ	116.5840, 38.1970, -25.9550

Conversions

Conversions Part 2

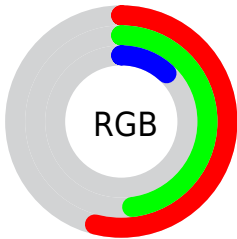
Format	Color
RYB	46, 137, 30
Decimal	9009950
CIELab	51.36, -5.16, 49.22
CIElCh	51, 49.488, 95.984
Yxy	19.5780, 0.4271, 0.4742
Android (android.graphics.Color)	4287200030 (0xFF897B1E)
YUV	116.5840, -42.6859, 17.9048
Hunter-Lab	44.2471, -6.2945, 25.5087

Details

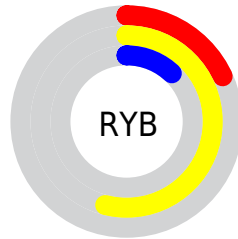
The YUV color **116.5840, -42.6859, 17.9048** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **50.4160, 42.6859, -17.9048**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7800, -43.2755, 20.3639**, and **69.1410, -34.0865, 13.0313** is the 20% darker color. If you saturate the color by 10%, you get **113.8140, -48.2223, 20.3341**, and if you desaturate by 10%, it is **119.3540, -37.1495, 15.4755**.

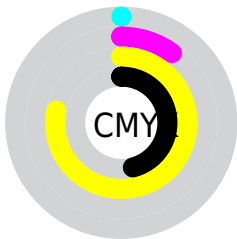
Distribution



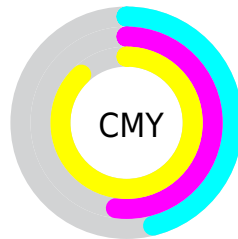
- Red (54%)
- Green (48%)
- Blue (12%)



- Red (18%)
- Yellow (54%)
- Blue (12%)



- Cyan (0%)
- Magenta (10%)
- Yellow (78%)
- Black (46%)



- Cyan (46%)
- Magenta (52%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.5840, -42.6859, 17.9048 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 116.5840, -42.6859, 17.9048 by changing the saturation by 10% instead.

■ 116.5840,
-42.6859, 17.9048

■ 116.5840,
-42.6859, 17.9048

■ 255.0000, 0.0000,
0.0000

■ 90.4160, -44.5751,
17.1752

■ 169.7800,
-43.2755, 20.3639

■ 69.1410, -34.0865,
13.0313

■ 197.2640,
-44.0072, 21.6935

■ 47.8660, -23.5979,
8.8875

■ 226.2210,
-45.4650, 22.6082

■ 28.0640, -13.8356,
4.3289

■ 244.2840,
-41.0590, 9.3979

■ 5.2830, -2.6045,
-4.6332

■ 247.4760,
-28.8287, 6.5985

■ 0.0000, 0.0000,
0.0000

■ 250.6680,

-16.5983, 3.7992

253.9740, -3.9312,
0.8998

116.5840,
-42.6859, 17.9048

116.5840,
-42.6859, 17.9048

113.8140,
-48.2223, 20.3341

119.3540,
-37.1495, 15.4755

111.1580,
-53.3219, 22.6634

122.0100,
-32.0499, 13.1462

110.8160,
-54.6323, 22.9634

124.1930,
-26.2241, 11.2317

126.9630,
-20.6878, 8.8024

129.7330,
-15.1514, 6.3732

■ 132.3890,
-10.0518, 4.0438

■ 135.1590, -4.5154,
1.6146

■ 137.3420, 1.3104,
-0.2999

■ 139.9980, 6.4100,
-2.6292

Harmonies

Analogous

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



119.7260, -37.8259, 45.8443



116.5840, -42.6859, 17.9048



112.0510, -31.0841, -16.7077

Triad

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



116.5840, -42.6859, 17.9048



102.8480, 33.5989, -90.1977



124.6620, 16.4356, 48.5314

Complementary

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



116.5840, -42.6859, 17.9048



50.4160, 42.6859, -17.9048

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.



125.5350, 32.2742, 8.3008



116.5840, -42.6859, 17.9048



102.5180, 47.5656, -89.9083

Square

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



116.5840, -42.6859, 17.9048



98.7610, 15.4008, -86.6134



110.4390, 47.6046, -55.6360



121.4460, -2.6849, 68.0149

Rectangle

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



116.5840, -42.6859, 17.9048



105.4630, -16.0043, -46.8871



110.4390, 47.6046, -55.6360



125.9640, 21.7097, 36.8656

Sweetspot

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



116.5840, -42.6859, 17.9048



170.6900, -16.6092, 7.2879



63.5890, -9.6574, 64.3814



84.3890, -10.0518, 4.0438



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.



116.5840, -42.6859, 17.9048



146.9340, -67.0155, 28.1219



113.1410, -40.9885, -13.2787



67.6150, -2.7682, 1.2146



107.2720, -52.8851, 22.5635



3.8430, -1.8946, 1.0147

Inverse Universe

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



50.4160, 42.6859, -17.9048



43.0660, 67.0155, -28.1219



53.8590, 40.9885, 13.2787



63.3850, 2.7682, -1.2146



25.1410, 53.1745, -22.0487



1.1570, 1.8946, -1.0147

Previews

White Background



This preview shows how the YUV color 116.5840, -42.6859, 17.9048 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 116.5840, -42.6859, 17.9048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

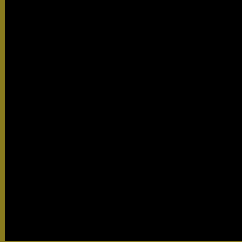
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.5840, -42.6859, 17.9048

Background



This preview shows how black text looks on a background with the YUV color 116.5840, -42.6859, 17.9048.



This preview shows how white text looks on a background with the YUV color 116.5840, -42.6859,

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

116.5840, -42.6859, 17.9048

Protanopia

116.8830, -42.8333, 18.5196

Deuteranopia

117.9000, -41.8557, 31.6597



Tritanopia

124.6970, -0.3436, 16.9287

Trichromacy



Original Color

116.5840, -42.6859, 17.9048

Protanomaly

116.8830, -42.8333, 18.5196

Deuteranomaly

117.7530, -42.2762, 26.5266

Tritanomaly

121.6850, -15.6207, 16.9393

Monochromacy



Original Color

116.5840, -42.6859, 17.9048

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.6190, -15.5882, 6.4731

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.5840, -42.6859, 17.9048 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, 123, 30)` looks like.

```
.text, #text, p{  
    color:rgb(137, 123, 30)  
}
```

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, 123, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 123, 30) }
```

Border

The CSS property to change the border of an element to YUV 116.5840, -42.6859, 17.9048 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, 123, 30) }
```


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

```
.border{ border-color:rgb(137, 123, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 123, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 123, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 123, 30);  
box-shadow:4px 4px 4px 4px rgb(137, 123,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 116.5840, -42.6859, 17.9048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 123, 30) }
```

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

```
.background{ background-color: rgb(137,  
123, 30) }
```

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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