

Converting Colors

YUV(112.0650, -42.4300,
-17.5970)

Have a look what the booklet for
YUV(112.0650, -42.4300, -17.5970)
contains.

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Color

**YUV(112.0650, -42.4300,
-17.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8B1A
RGB	92, 139, 26
RGB Percent	36%, 55%, 10%
CMY	0.6392, 0.4549, 0.8980
CMYK	0.34, 0.00, 0.81, 0.45
HSL	85°, 68%, 32%
HSV	85°, 81%, 55%
XYZ	13.8327, 20.8151, 4.2659
YIQ	112.0650, 8.2610, -45.1070

Conversions

Conversions Part 2

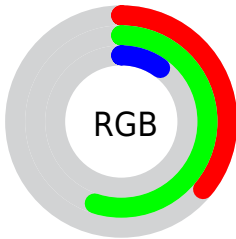
Format	Color
R_{YB}	26, 139, 73
Decimal	6064922
CIE Lab	52.75, -33.32, 50.60
CIE LCh	53, 60.585, 123.364
Yxy	20.8151, 0.3555, 0.5349
Android (android.graphics.Color)	4284255002 (0xFF5C8B1A)
YUV	112.0650, -42.4300, -17.5970
Hunter-Lab	45.6236, -25.7216, 26.3927

Details

The YUV color **112.0650, -42.4300, -17.5970** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **52.9350, 42.4300, 17.5970**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0650, -42.4300, -17.5970**, and **63.3170, -31.2153, -21.3260** is the 20% darker color. If you saturate the color by 10%, you get **108.6750, -47.6608, -19.8860**, and if you desaturate by 10%, it is **115.4550, -37.1993, -15.3080**.

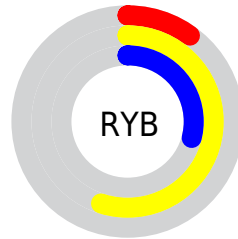
Distribution



Red (36%)

Green (55%)

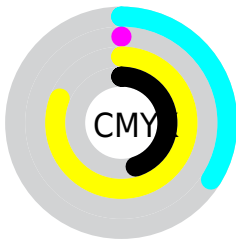
Blue (10%)



Red (10%)

Yellow (55%)

Blue (29%)

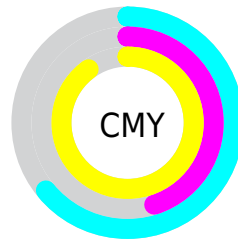


Cyan (34%)

Magenta (0%)

Yellow (81%)

Black (45%)



Cyan (64%)

Magenta (45%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.0650, -42.4300, -17.5970 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 112.0650, -42.4300, -17.5970 by changing the saturation by 10% instead.

■ 112.0650,
-42.4300, -17.5970

■ 112.0650,
-42.4300, -17.5970

■ 255.0000, 0.0000,
0.0000

■ 85.7660, -42.2826,
-18.2118

■ 166.0650,
-42.4300, -17.5970

■ 63.3170, -31.2153,
-21.3260

■ 193.9510,
-42.8668, -17.4970

■ 39.6500, -19.5474,
-30.3880

■ 222.3100,
-44.0298, -17.8119

■ 24.6540, -12.1544,
-21.6216

■ 237.1080,
-37.5212, -5.3567

■ 9.9790, -4.9196,
-8.7516

■ 247.3620,
-29.2655, 6.6985

■ 0.0000, 0.0000,
0.0000

■ 250.6680,

-16.5983, 3.7992

253.9740, -3.9312,
0.8998

112.0650,
-42.4300, -17.5970

112.0650,
-42.4300, -17.5970

108.6750,
-47.6608, -19.8860

115.4550,
-37.1993, -15.3080

105.8120,
-52.1653, -21.7601

118.8450,
-31.9686, -13.0191

121.9360,
-26.5904, -11.3449

125.3260,
-21.3597, -9.0559

128.6020,
-16.5658, -6.6670

■ 131.9920,
-11.3351, -4.3780

■ 135.0830, -5.9569,
-2.7038

■ 138.4730, -0.7262,
-0.4148

■ 141.8630, 4.5045,
1.8741

Harmonies

Analogous

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



116.7300, -57.5479, 24.7928



112.0650, -42.4300, -17.5970



95.0670, -8.9070, -83.3738

Triad

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



112.0650, -42.4300, -17.5970



108.9070, 54.2758, -95.5114



121.0550, 0.4659, 84.1438

Complementary

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



112.0650, -42.4300, -17.5970



52.9350, 42.4300, 17.5970

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.



127.4380, 22.9551, 57.4979



112.0650, -42.4300, -17.5970



102.5300, 62.8427, -89.9188

Square

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



112.0650, -42.4300, -17.5970



108.2110, 36.3780, -94.9010



128.0320, 41.8892, 4.3569



120.6160, -23.9677, 81.0208

Rectangle

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



112.0650, -42.4300, -17.5970



100.2310, 5.8021, -87.9026



128.0320, 41.8892, 4.3569



123.0850, 8.3391, 78.8555

Sweetspot

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



112.0650, -42.4300, -17.5970



170.7160, -16.1290, -6.7669



86.2020, -29.6796, 46.3038



85.6330, -10.1721, -4.0631



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



112.0650, -42.4300, -17.5970



138.6960, -66.4051, -27.7974



95.6200, -34.3227, -51.4097



67.3050, -2.6154, -1.1445



101.0940, -49.8393, -21.1304



3.8320, -1.8892, -0.7297

Inverse Universe

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



52.9350, 42.4300, 17.5970



46.0050, 66.5525, 27.1826



69.3800, 34.3227, 51.4097



63.6950, 2.6154, 1.1445



31.6070, 49.9867, 20.5157



1.1680, 1.8892, 0.7297

Previews

White Background



This preview shows how the YUV color 112.0650, -42.4300, -17.5970 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 112.0650, -42.4300, -17.5970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

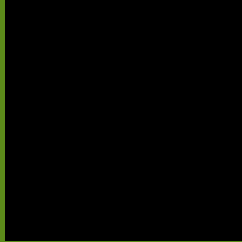
Any Text WCAG AA ✓ Pass

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 112.0650, -42.4300, -17.5970 Background



This preview shows how black text looks on a background with the YUV color 112.0650, -42.4300, -17.5970.



This preview shows how white text looks on a background with the YUV color 112.0650, -42.4300, -17.5970.

-17.5970.

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

112.0650, -42.4300, -17.5970

Protanopia

118.6290, -47.6381, 19.6194

Deuteranopia

120.9000, -41.8557, 31.6597



Tritanopia

123.3770, 8.1951, -15.2396

Trichromacy



Original Color

112.0650, -42.4300, -17.5970

Protanomaly

116.2960, -45.9949, 5.8794

Deuteranomaly

117.3770, -42.0909, 13.7014

Tritanomaly

119.5560, -10.1341, -16.2736

Monochromacy



Original Color

112.0650, -42.4300, -17.5970

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.2430, -15.4028, -6.3521

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.0650, -42.4300, -17.5970 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(92, 139, 26)` looks like.

```
.text, #text, p{  
    color:rgb(92, 139, 26)  
}
```

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(92, 139, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 139, 26) }
```

Border

The CSS property to change the border of an element to YUV 112.0650, -42.4300, -17.5970 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(92, 139, 26) }
```


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

```
.border{ border-color:rgb(92, 139, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 139, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 139, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 139, 26);  
box-shadow:4px 4px 4px 4px rgb(92, 139,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 112.0650, -42.4300, -17.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 139, 26) }
```

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

```
.background{ background-color: rgb(92, 139,  
26) }
```

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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