

Converting Colors

YUV(106.8050, -41.3159,
-1.5830)

Have a look what the booklet for
YUV(106.8050, -41.3159, -1.5830)
contains.

YUV(106.8050, -41.3159, -1.5830)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(106.8050, -41.3159,
-1.5830)**

Conversions

Conversions Part 1

Format	Color
Hex	697C17
RGB	105, 124, 23
RGB Percent	41%, 49%, 9%
CMY	0.5882, 0.5137, 0.9098
CMYK	0.15, 0.00, 0.81, 0.51
HSL	71°, 69%, 29%
HSV	71°, 81%, 49%
XYZ	13.1880, 17.4804, 3.4896
YIQ	106.8050, 21.0970, -35.4390

Conversions

Conversions Part 2

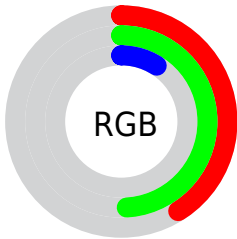
Format	Color
R_{YB}	23, 124, 42
Decimal	6913047
CIE Lab	48.86, -20.72, 48.30
CIE LCh	49, 52.554, 113.216
Yxy	17.4804, 0.3861, 0.5118
Android (android.graphics.Color)	4285103127 (0xFF697C17)
YUV	106.8050, -41.3159, -1.5830
Hunter-Lab	41.8096, -16.8625, 24.3181

Details

The YUV color **106.8050, -41.3159, -1.5830** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **40.1950, 41.3159, 1.5830**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1040, -41.4633, -0.9682**, and **60.1710, -29.6643, -5.4120** is the 20% darker color. If you saturate the color by 10%, you get **104.8390, -46.2626, -1.6128**, and if you desaturate by 10%, it is **108.7710, -36.3691, -1.5532**.

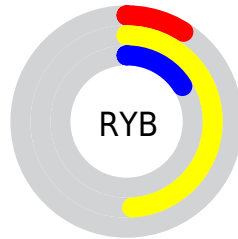
Distribution



Red (41%)

Green (49%)

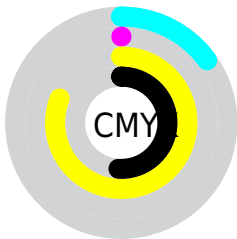
Blue (9%)



Red (9%)

Yellow (49%)

Blue (16%)

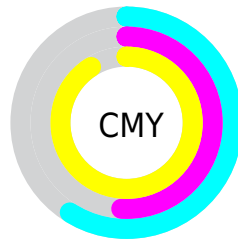


Cyan (15%)

Magenta (0%)

Yellow (81%)

Black (51%)



Cyan (59%)

Magenta (51%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.8050, -41.3159, -1.5830 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 106.8050, -41.3159, -1.5830 by changing the saturation by 10% instead.

■ 106.8050,
-41.3159, -1.5830

■ 106.8050,
-41.3159, -1.5830

■ 255.0000, 0.0000,
0.0000

■ 81.7340, -40.2949,
-2.3977

■ 160.1040,
-41.4633, -0.9682

■ 60.1710, -29.6643,
-5.4120

■ 187.2890,
-42.0475, -0.2535

■ 38.8960, -19.1757,
-9.5558

■ 215.4740,
-42.6317, 0.4613

■ 18.7840, -9.2605,
-16.4736

■ 240.7240,
-41.7689, 3.7501

■ 0.0000, 0.0000,
0.0000

■ 246.7920,
-31.4495, 7.1984

■ 249.9840,

-19.2191, 4.3990

253.2900, -6.5520,
1.4997

106.8050,
-41.3159, -1.5830

106.8050,
-41.3159, -1.5830

104.8390,
-46.2626, -1.6128

108.7710,
-36.3691, -1.5532

102.9870,
-50.7726, -1.7426

111.1500,
-31.1329, -1.0085

113.1160,
-26.1862, -0.9787

115.1960,
-20.8026, -1.0489

117.4610,
-16.0033, -0.4043

■ 119.4270,
-11.0565, -0.3745

■ 121.5070, -5.6730,
-0.4446

■ 123.7720, -0.8736,
0.2000

■ 125.8520, 4.5100,
0.1298

Harmonies

Analogous

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



110.2330, -46.9499, 32.2447



106.8050, -41.3159, -1.5830



97.7790, -18.6250, -46.2872

Triad

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



106.8050, -41.3159, -1.5830



99.3890, 43.1922, -87.1642



115.1390, 6.3405, 66.5301

Complementary

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



106.8050, -41.3159, -1.5830



40.1950, 41.3159, 1.5830

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.



119.4630, 24.9147, 35.5509



106.8050, -41.3159, -1.5830



96.1580, 53.6591, -84.3306

Square

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



106.8050, -41.3159, -1.5830



97.5190, 25.8731, -85.5242



115.5580, 40.6439, -16.2754



112.4930, -14.0470, 72.3586

Rectangle

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



106.8050, -41.3159, -1.5830



89.3910, -0.1928, -78.3959



115.5580, 40.6439, -16.2754



116.5170, 13.0561, 59.1826

Sweetspot

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



106.8050, -41.3159, -1.5830



154.1620, -15.8559, -1.0191



64.3520, -20.3865, 52.3113



77.7690, -9.7461, -0.6744



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



106.8050, -41.3159, -1.5830



134.0180, -64.5919, -2.6468



91.8550, -33.9455, -32.3218



60.0170, -2.4734, -0.0149



103.5740, -51.0620, -2.2574



209.2190, -103.1450, -3.7001

Inverse Universe

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



40.1950, 41.3159, 1.5830



29.9820, 64.5919, 2.6468



55.1450, 33.9455, 32.3218



55.9830, 2.4734, 0.0149



21.4260, 51.0620, 2.2574



42.7810, 103.1450, 3.7001

Previews

White Background



This preview shows how the YUV color 106.8050, -41.3159, -1.5830 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 106.8050, -41.3159, -1.5830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

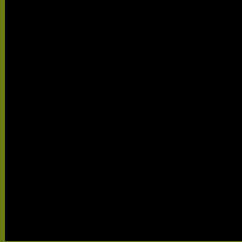
Any Text WCAG AA ✓ Pass

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 106.8050, -41.3159, -1.5830 Background



This preview shows how black text looks on a background with the YUV color 106.8050, -41.3159, -1.5830.



This preview shows how white text looks on a background with the YUV color 106.8050, -41.3159, -1.5830.

-1.5830.

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

106.8050, -41.3159, -1.5830

Protanopia

109.6550, -43.7069, 18.7196

Deuteranopia

111.7580, -39.8137, 30.0302



Tritanopia

116.1400, 4.3680, -0.9998

Trichromacy



Original Color

106.8050, -41.3159, -1.5830

Protanomaly

108.8390, -42.8116, 11.5422

Deuteranomaly

109.8660, -40.3599, 18.5345

Tritanomaly

112.4870, -12.0721, -1.3041

Monochromacy



Original Color

106.8050, -41.3159, -1.5830

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.6890, -15.1297, -0.6043

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.8050, -41.3159, -1.5830 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(105, 124, 23)` looks like.

```
.text, #text, p{  
    color:rgb(105, 124, 23)  
}
```

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(105, 124, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 124, 23) }
```

Border

The CSS property to change the border of an element to YUV 106.8050, -41.3159, -1.5830 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(105, 124, 23) }
```


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

```
.border{ border-color:rgb(105, 124, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 124, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 124, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 124, 23);  
box-shadow:4px 4px 4px 4px rgb(105, 124,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 106.8050, -41.3159, -1.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 124, 23) }
```

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

```
.background{ background-color: rgb(105,  
124, 23) }
```

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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