

Converting Colors

YUV(117.5710, -36.2705,
13.5312)

Have a look what the booklet for
YUV(117.5710, -36.2705, 13.5312)
contains.

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Color

**YUV(117.5710, -36.2705,
13.5312)**

Conversions

Conversions Part 1

Format	Color
Hex	857C2C
RGB	133, 124, 44
RGB Percent	52%, 49%, 17%
CMY	0.4784, 0.5137, 0.8275
CMYK	0.00, 0.07, 0.67, 0.48
HSL	54°, 50%, 35%
HSV	54°, 67%, 52%
XYZ	17.3351, 19.5837, 5.2492
YIQ	117.5710, 31.0440, -22.9720

Conversions

Conversions Part 2

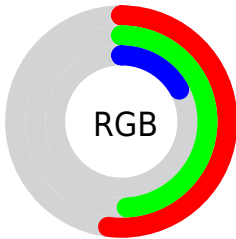
Format	Color
RYB	54, 133, 44
Decimal	8748076
CIELab	51.36, -6.81, 43.35
CIElCh	51, 43.884, 98.923
Yxy	19.5837, 0.4111, 0.4644
Android (android.graphics.Color)	4286938156 (0xFF857C2C)
YUV	117.5710, -36.2705, 13.5312
Hunter-Lab	44.2535, -7.5209, 23.9446

Details

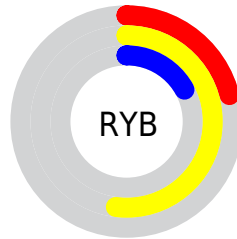
The YUV color **117.5710, -36.2705, 13.5312** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **59.4290, 36.2705, -13.5312**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2400, -37.5863, 15.5755**, and **68.5320, -33.7863, 10.0574** is the 20% darker color. If you saturate the color by 10%, you get **115.5020, -41.6595, 15.3457**, and if you desaturate by 10%, it is **119.6400, -30.8815, 11.7167**.

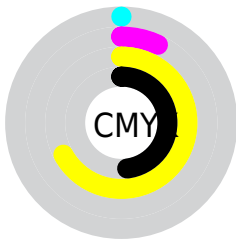
Distribution



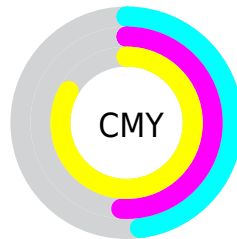
- Red (52%)
- Green (49%)
- Blue (17%)



- Red (21%)
- Yellow (52%)
- Blue (17%)



- Cyan (0%)
- Magenta (7%)
- Yellow (67%)
- Black (48%)



- Cyan (48%)
- Magenta (51%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.5710, -36.2705, 13.5312 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 117.5710, -36.2705, 13.5312 by changing the saturation by 10% instead.

■ 117.5710,
-36.2705, 13.5312

■ 117.5710,
-36.2705, 13.5312

■ 255.0000, 0.0000,
0.0000

■ 91.8590, -36.4125,
12.4017

■ 170.2400,
-37.5863, 15.5755

■ 68.5320, -33.7863,
10.0574

■ 198.3110,
-38.6073, 16.3903

■ 47.8550, -23.5925,
7.1432

■ 226.3820,
-39.6283, 17.2050

■ 28.0530, -13.8301,
2.5845

■ 245.6520,
-35.8174, 8.1982

■ 5.2830, -2.6045,
-4.6332

■ 248.8440,
-23.5871, 5.3988

■ 0.0000, 0.0000,
0.0000

■ 252.1500,

-10.9200, 2.4994

■ 117.5710,
-36.2705, 13.5312

■ 117.5710,
-36.2705, 13.5312

■ 115.5020,
-41.6595, 15.3457

■ 119.6400,
-30.8815, 11.7167

■ 112.7320,
-47.1959, 17.7750

■ 122.4100,
-25.3451, 9.2874

■ 110.6630,
-52.5849, 19.5895

■ 124.4790,
-19.9561, 7.4729

■ 110.2070,
-54.3321, 19.9895

■ 126.5480,
-14.5672, 5.6584

■ 129.3180, -9.0308,
3.2291

■ 131.3870, -3.6418,
1.4146

■ 133.4560, 1.7472,
-0.3999

■ 136.1120, 6.8468,
-2.7292

■ 138.2950, 12.6726,
-4.6437

Harmonies

Analogous

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



120.3060, -34.1679, 39.1966



117.5710, -36.2705, 13.5312



113.4190, -25.8426, -17.9075

Triad

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



117.5710, -36.2705, 13.5312



100.8590, 33.5935, -88.4533



125.2010, 12.2259, 45.4277

Complementary

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



117.5710, -36.2705, 13.5312



59.4290, 36.2705, -13.5312

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.



125.8900, 27.1692, 12.3745



117.5710, -36.2705, 13.5312



100.5460, 45.0868, -88.1788

Square

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



117.5710, -36.2705, 13.5312



97.9290, 17.2900, -85.8837



116.9700, 38.9618, -36.8077



122.5330, -4.6998, 60.9226

Rectangle

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



117.5710, -36.2705, 13.5312



107.3970, -12.5207, -44.1982



116.9700, 38.9618, -36.8077



125.9270, 17.7840, 36.0210

Sweetspot

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



117.5710, -36.2705, 13.5312



167.3630, -13.9830, 4.9436



71.7510, -8.7512, 53.7154



83.4320, -8.5940, 3.1291



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



117.5710, -36.2705, 13.5312



149.0500, -56.2267, 21.0041



112.6880, -33.8632, -12.0044



65.3160, -2.6208, 0.5999



107.5490, -53.0217, 19.6895



2.0710, -1.0210, 0.8147

Inverse Universe

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



59.4290, 36.2705, -13.5312



58.9500, 56.2267, -21.0041



64.3120, 33.8632, 12.0044



60.6840, 2.6208, -0.5999



22.4510, 53.0217, -19.6895



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 117.5710, -36.2705, 13.5312 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 117.5710, -36.2705, 13.5312 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 117.5710, -36.2705, 13.5312

Background



This preview shows how black text looks on a background with the YUV color 117.5710, -36.2705, 13.5312.



This preview shows how white text looks on a background with the YUV color 117.5710, -36.2705, 13.5312.

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

117.5710, -36.2705, 13.5312

Protanopia

118.1800, -36.5707, 16.5051

Deuteranopia

119.1970, -35.5931, 29.6452



Tritanopia

124.2020, 0.3934, 13.8548

Trichromacy



Original Color

117.5710, -36.2705, 13.5312

Protanomaly

117.8810, -36.4233, 15.8904

Deuteranomaly

118.7510, -35.8662, 23.8974

Tritanomaly

121.7600, -12.6997, 13.3655

Monochromacy



Original Color

117.5710, -36.2705, 13.5312

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.5910, -13.1094, 4.7437

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.5710, -36.2705, 13.5312 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(133, 124, 44)` looks like.

```
.text, #text, p{  
    color:rgb(133, 124, 44)  
}
```

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(133, 124, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 124, 44) }
```

Border

The CSS property to change the border of an element to YUV 117.5710, -36.2705, 13.5312 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(133, 124, 44) }
```


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

```
.border{ border-color:rgb(133, 124, 44) }
```

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

Here you see how a box with a 4 pixel rgb(133, 124, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 124, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 124, 44);  
box-shadow:4px 4px 4px 4px rgb(133, 124,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 117.5710, -36.2705, 13.5312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 124, 44) }
```

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

```
.background{ background-color: rgb(133,  
124, 44) }
```

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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