

Converting Colors

YUV(117.8200, 9.4557,
-46.3231)

Have a look what the booklet for
YUV(117.8200, 9.4557, -46.3231)
contains.

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Color

**YUV(117.8200, 9.4557,
-46.3231)**

Conversions

Conversions Part 1

Format	Color
Hex	418D89
RGB	65, 141, 137
RGB Percent	25%, 55%, 54%
CMY	0.7451, 0.4471, 0.4627
CMYK	0.54, 0.00, 0.03, 0.45
HSL	177°, 37%, 40%
HSV	177°, 54%, 55%
XYZ	16.2202, 21.9797, 27.0545
YIQ	117.8200, -44.0120, -17.3560

Conversions

Conversions Part 2

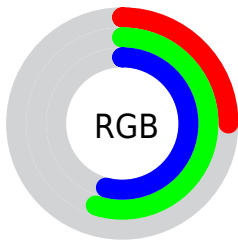
Format	Color
RYB	65, 104, 141
Decimal	4296073
CIELab	54.01, -24.41, -5.04
CIELCh	54, 24.924, 191.657
Yxy	21.9797, 0.2486, 0.3368
Android (android.graphics.Color)	4282486153 (0xFF418D89)
YUV	117.8200, 9.4557, -46.3231
Hunter-Lab	46.8825, -20.2878, -1.3967

Details

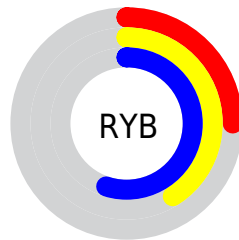
The YUV color **117.8200, 9.4557, -46.3231** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **88.1800, -9.4557, 46.3231**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.0050, 8.8715, -45.6084**, and **62.7480, 11.9562, -55.0300** is the 20% darker color. If you saturate the color by 10%, you get **113.5200, 11.0826, -54.8300**, and if you desaturate by 10%, it is **122.1200, 7.8288, -37.8162**.

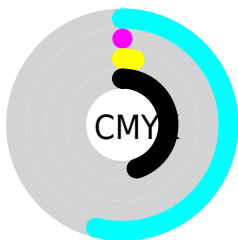
Distribution



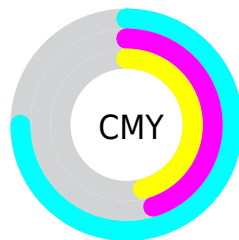
- Red (25%)
- Green (55%)
- Blue (54%)



- Red (25%)
- Yellow (41%)
- Blue (55%)



- Cyan (54%)
- Magenta (0%)
- Yellow (3%)
- Black (45%)



- Cyan (75%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.8200, 9.4557, -46.3231 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 117.8200, 9.4557, -46.3231 by changing the saturation by 10% instead.

■ 117.8200, 9.4557,
-46.3231

■ 117.8200, 9.4557,
-46.3231

■ 255.0000, 0.0000,
0.0000

■ 91.0370, 10.3348,
-48.2674

■ 172.0050, 8.8715,
-45.6084

■ 62.7480, 11.9562,
-55.0300

■ 199.7060, 9.0189,
-46.2232

■ 46.6250, 8.5659,
-40.8901

■ 228.4070, 9.1663,
-46.8379

■ 30.6160, 5.6123,
-26.8502

■ 239.7510, 7.5178,
-31.3536

■ 16.0090, 2.9536,
-14.0399

■ 248.4220, 3.2430,
-13.5251

■ 0.0000, 0.0000,
0.0000

■ 117.8200, 9.4557,
-46.3231

■ 117.8200, 9.4557,
-46.3231

■ 113.5200, 11.0826,
-54.8300

■ 122.1200, 7.8288,
-37.8162

■ 109.3340, 13.1463,
-63.4369

■ 126.3060, 5.7651,
-29.2094

■ 105.0340, 14.7732,
-71.9438

■ 130.6060, 4.1382,
-20.7025

■ 100.7340, 16.4001,
-80.4507

■ 134.9060, 2.5113,
-12.1956

■ 98.0430, 17.7268,
-85.9837

■ 139.5050, 0.7370,
-3.0739

■ 143.6910, -1.3267,
5.5330

■ 147.9910, -2.9536,
14.0399

■ 152.2910, -4.5805,

22.5468

■ 156.5910, -6.2074,
31.0537

Harmonies

Analogous

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



121.3030, -3.1074, -30.0837



117.8200, 9.4557, -46.3231



117.4310, 19.5075, -50.3670

Triad

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



117.8200, 9.4557, -46.3231



132.1380, 14.2290, 9.5260



128.9910, -19.7156, 23.6869

Complementary

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



117.8200, 9.4557, -46.3231



88.1800, -9.4557, 46.3231

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.



130.8380, -14.2171, 33.4681



117.8200, 9.4557, -46.3231



132.5440, 5.1548, 26.7099

Square

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



117.8200, 9.4557, -46.3231



128.4170, 20.9934, -13.5207



131.5530, -5.2026, 35.4720



126.8920, -19.6668, 7.9877

Rectangle

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



117.8200, 9.4557, -46.3231



120.8710, 22.2486, -42.8599



131.5530, -5.2026, 35.4720



129.6540, -18.5634, 27.4904

Sweetspot

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



117.8200, 9.4557, -46.3231



174.8020, 3.5486, -18.2434



111.1070, -22.7308, -36.0508



86.5040, 2.2165, -10.9660



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.



117.8200, 9.4557, -46.3231



147.3220, 14.6313, -73.0734



98.9050, 20.7528, -29.7347



68.9070, 1.0318, -4.3034



93.8370, 16.8424, -82.2950



5.4940, 0.7425, -4.8182

Inverse Universe

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



88.1800, -9.4557, 46.3231



100.6780, -14.6313, 73.0734



107.0950, -20.7528, 29.7347



66.2070, -0.5951, 4.2035



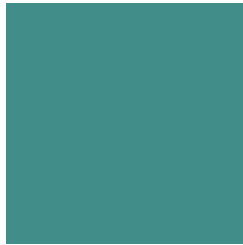
41.1630, -16.8424, 82.2950



2.3920, -1.1793, 4.9182

Previews

White Background



This preview shows how the YUV color 117.8200, 9.4557, -46.3231 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 117.8200, 9.4557, -46.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

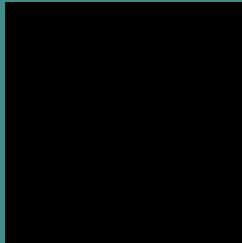
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.8200, 9.4557, -46.3231

Background



This preview shows how black text looks on a background with the YUV color 117.8200, 9.4557, -46.3231.



This preview shows how white text looks on a background with the YUV color 117.8200, 9.4557,

-46.3231.

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

117.8200, 9.4557, -46.3231

Protanopia

128.7120, 0.1420, 1.1296

Deuteranopia

129.7000, 5.0779, 4.6481



Tritanopia

119.6230, 14.9759, -43.5194

Trichromacy



Original Color

117.8200, 9.4557, -46.3231

Protanomaly

124.8130, 3.5432, -16.4990

Deuteranomaly

125.6330, 6.5899, -13.7101

Tritanomaly

119.0420, 12.7973, -44.7638

Monochromacy



Original Color

117.8200, 9.4557, -46.3231

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.8130, 3.5432, -16.4990

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.8200, 9.4557, -46.3231 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(65, 141, 137)` looks like.

```
.text, #text, p{  
    color:rgb(65, 141, 137)  
}
```

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(65, 141, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 141, 137) }
```

Border

The CSS property to change the border of an element to YUV 117.8200, 9.4557, -46.3231 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(65, 141, 137) }
```


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

```
.border{ border-color:rgb(65, 141, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 141, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 141, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 141, 137);  
box-shadow:4px 4px 4px 4px rgb(65, 141,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 117.8200, 9.4557, -46.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 141, 137) }
```

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

```
.background{ background-color: rgb(65, 141,  
137) }
```

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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