

Converting Colors

YUV(116.8290, 9.4513, 1.9040)

Have a look what the booklet for
YUV(116.8290, 9.4513, 1.9040)
contains.

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Color

**YUV(116.8290, 9.4513,
1.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	777088
RGB	119, 112, 136
RGB Percent	47%, 44%, 53%
CMY	0.5333, 0.5608, 0.4667
CMYK	0.12, 0.18, 0.00, 0.47
HSL	258°, 10%, 49%
HSV	258°, 18%, 53%
XYZ	17.8459, 17.2879, 25.6889
YIQ	116.8290, -3.5320, 8.9480

Conversions

Conversions Part 2

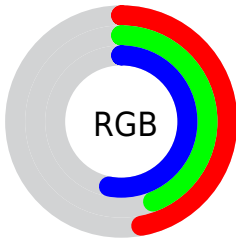
Format	Color
R_{YB}	119, 112, 136
Decimal	7827592
CIE Lab	48.62, 7.77, -12.17
CIE LCh	49, 14.438, 302.569
Yxy	17.2879, 0.2934, 0.2842
Android (android.graphics.Color)	4286017672 (0xFF777088)
YUV	116.8290, 9.4513, 1.9040
Hunter-Lab	41.5787, 3.8508, -7.5265

Details

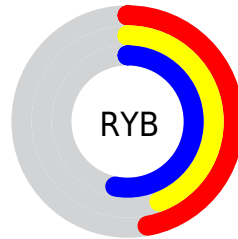
The YUV color **116.8290, 9.4513, 1.9040** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **131.1710, -9.4513, -1.9040**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9430, 9.8881, 1.8040**, and **68.3020, 8.7251, 1.4891** is the 20% darker color. If you saturate the color by 10%, you get **105.6210, 14.9768, 2.9634**, and if you desaturate by 10%, it is **128.0370, 3.9258, 0.8446**.

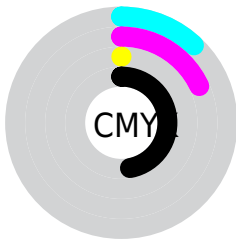
Distribution



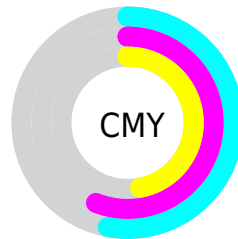
- Red (47%)
- Green (44%)
- Blue (53%)



- Red (47%)
- Yellow (44%)
- Blue (53%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.8290, 9.4513, 1.9040 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 116.8290, 9.4513, 1.9040 by changing the saturation by 10% instead.

■ 116.8290, 9.4513,
1.9040

■ 116.8290, 9.4513,
1.9040

■ 255.0000, 0.0000,
0.0000

■ 92.4160, 9.1619,
1.3892

■ 168.9430, 9.8881,
1.8040

■ 68.3020, 8.7251,
1.4891

■ 196.3560, 10.1775,
2.3188

■ 46.1880, 8.2883,
1.5891

■ 224.4700, 10.6143,
2.2188

■ 25.6610, 7.5621,
1.1743

■ 250.3040, 2.3151,
4.1184

■ 2.3940, 9.1728,
-2.0995

■ 0.0000, 0.0000,
0.0000

■ 116.8290, 9.4513,
1.9040

■ 116.8290, 9.4513,
1.9040

■ 105.6210, 14.9768,
2.9634

■ 128.0370, 3.9258,
0.8446

■ 95.2990, 20.0656,
4.1228

■ 138.3590, -1.1630,
-0.3148

■ 84.0910, 25.5911,
5.1822

■ 149.5670, -6.6885,
-1.3743

■ 73.4700, 30.8273,
5.7268

■ 160.1880,
-11.9247, -1.9189

■ 62.5610, 36.2054,
7.4010

■ 171.0970,
-17.3028, -3.5931

■ 51.3530, 41.7310,
8.4604

■ 182.3050,
-22.8284, -4.6525

■ 41.0310, 46.8197,
9.6198

■ 192.6270,
-27.9171, -5.8119

■ 29.8230, 52.3453,

■ 203.8350,

10.6792

-33.4427, -6.8713

■ 27.4640, 53.5082,
10.9941

■ 214.4560,
-38.6788, -7.4159

Harmonies

Analogous

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



114.8490, 12.3994, -10.3916



116.8290, 9.4513, 1.9040



117.3420, 4.7614, 12.8551

Triad

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



116.8290, 9.4513, 1.9040



116.2380, -10.9633, 16.4543



111.1390, 2.3965, -22.0469

Complementary

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



116.8290, 9.4513, 1.9040



131.1710, -9.4513, -1.9040

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.



111.8860, -3.8878, -13.0550



116.8290, 9.4513, 1.9040



114.9550, -11.8098, 7.9325

Square

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



116.8290, 9.4513, 1.9040



116.9980, -6.9010, 20.1728



113.5730, -9.1565, -3.1335



110.7240, 8.5171, -25.1909

Rectangle

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



116.8290, 9.4513, 1.9040



117.6370, 0.6720, 17.8584



113.5730, -9.1565, -3.1335



110.9930, 0.4965, -19.2879

Sweetspot

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



116.8290, 9.4513, 1.9040



168.9230, 3.4890, 0.9445



124.7150, 5.5635, -11.1511



84.8690, 2.0366, 0.1149



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.



116.8290, 9.4513, 1.9040



146.5070, 14.5400, 3.0634



120.4170, 7.6824, 9.2813



63.3960, 2.7628, 0.5297



26.8230, 52.3453, 10.6792



0.8690, 2.0366, 0.1149

Inverse Universe

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



121.1140, 3.8878, 13.0550



153.0270, 5.9027, 20.1473



127.5830, -7.6824, -9.2813



64.6630, 1.1521, 3.8035



50.4830, 21.4539, 72.3674



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 116.8290, 9.4513, 1.9040 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 116.8290, 9.4513, 1.9040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

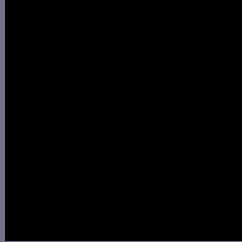
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 116.8290, 9.4513, 1.9040

Background



This preview shows how black text looks on a background with the YUV color 116.8290, 9.4513, 1.9040.



This preview shows how white text looks on a background with the YUV color 116.8290, 9.4513,

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

116.8290, 9.4513, 1.9040

Protanopia

115.8390, 10.9254, -4.2438

Deuteranopia

116.8180, 9.4567, 0.1596



Tritanopia

115.9230, 3.4890, 0.9445

Trichromacy



Original Color

116.8290, 9.4513, 1.9040

Protanomaly

116.0350, 10.3357, -1.7847

Deuteranomaly

117.1170, 9.3093, 0.7744

Tritanomaly

116.2050, 5.8149, 1.5742

Monochromacy



Original Color

116.8290, 9.4513, 1.9040

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.9230, 3.4890, 0.9445

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8290, 9.4513, 1.9040 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(119, 112, 136)` looks like.

```
.text, #text, p{  
    color:rgb(119, 112, 136)  
}
```

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(119, 112, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 112, 136) }
```

Border

The CSS property to change the border of an element to YUV 116.8290, 9.4513, 1.9040 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(119, 112, 136) }
```


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

```
.border{ border-color:rgb(119, 112, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 112, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 112, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 112, 136);  
box-shadow:4px 4px 4px 4px rgb(119, 112,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 116.8290, 9.4513, 1.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 112, 136) }
```

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

```
.background{ background-color: rgb(119,  
112, 136) }
```

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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