

Converting Colors

YUV(116.8290, -47.7367,
4.5350)

Have a look what the booklet for
YUV(116.8290, -47.7367, 4.5350)
contains.

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Color

**YUV(116.8290, -47.7367,
4.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8514
RGB	122, 133, 20
RGB Percent	48%, 52%, 8%
CMY	0.5216, 0.4784, 0.9216
CMYK	0.08, 0.00, 0.85, 0.48
HSL	66°, 74%, 30%
HSV	66°, 85%, 52%
XYZ	16.5398, 20.9631, 3.8364
YIQ	116.8290, 29.7170, -37.4750

Conversions

Conversions Part 2

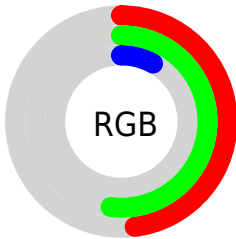
Format	Color
R_{YB}	20, 133, 31
Decimal	8029460
CIE _{Lab}	52.91, -17.87, 53.24
CIE _{LCh}	53, 56.162, 108.558
Yxy	20.9631, 0.4001, 0.5071
Android (android.graphics.Color)	4286219540 (0xFF7A8514)
YUV	116.8290, -47.7367, 4.5350
Hunter-Lab	45.7855, -15.6423, 27.0820

Details

The YUV color **116.8290, -47.7367, 4.5350** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **36.1710, 47.7367, -4.5350**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.7690, -46.7211, 5.4646**, and **70.2380, -34.6273, -0.2087** is the 20% darker color. If you saturate the color by 10%, you get **115.0480, -53.2677, 5.2199**, and if you desaturate by 10%, it is **118.6100, -42.2057, 3.8500**.

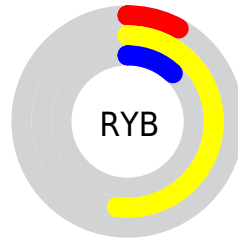
Distribution



Red (48%)

Green (52%)

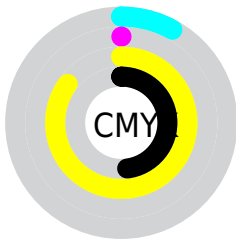
Blue (8%)



Red (8%)

Yellow (52%)

Blue (12%)

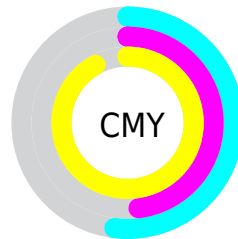


Cyan (8%)

Magenta (0%)

Yellow (85%)

Black (48%)



Cyan (52%)


Magenta (48%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.8290, -47.7367, 4.5350 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, -47.7367, 4.5350 by changing the saturation by 10% instead.


 116.8290,
-47.7367, 4.5350

 116.8290,
-47.7367, 4.5350


255.0000, 0.0000,
0.0000

 91.8010, -45.2579,
2.8055


 170.7690,
-46.7211, 5.4646

 70.2380, -34.6273,
-0.2087


 198.9540,
-47.3053, 6.1793

 48.9630, -24.1388,
-4.3526

 227.0250,
-48.3263, 6.9941

 28.2750, -13.9396,
-9.0112

 243.7140,
-43.2430, 9.8978

 10.5660, -5.2090,
-9.2664

 246.9060,
-31.0127, 7.0984

 0.0000, 0.0000,
0.0000

 250.2120,

-18.3455, 4.1991

■ 253.4040, -6.1152,
1.3997

■ 116.8290,
-47.7367, 4.5350

■ 116.8290,
-47.7367, 4.5350

■ 115.0480,
-53.2677, 5.2199

■ 118.6100,
-42.2057, 3.8500

■ 113.9510,
-56.1778, 5.3050

■ 120.8040,
-36.3854, 3.6799

■ 122.5850,
-30.8544, 2.9950

■ 124.3660,
-25.3234, 2.3100

■ 126.2610,
-19.3557, 1.5251

■ 128.3410,
-13.9721, 1.4549

■ 130.1220, -8.4411,
0.7700

■ 131.9030, -2.9102,
0.0851

■ 134.0970, 2.9102,
-0.0851

Harmonies

Analogous

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



120.5930, -49.5923, 39.8219



116.8290, -47.7367, 4.5350



109.3900, -25.3353, -40.6840

Triad

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



116.8290, -47.7367, 4.5350



108.2740, 44.2349, -94.9563



125.8880, 10.4082, 68.5042

Complementary

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



116.8290, -47.7367, 4.5350



36.1710, 47.7367, -4.5350

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.



130.1080, 30.0198, 31.4773



116.8290, -47.7367, 4.5350



105.6130, 56.8858, -92.6226

Square

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



116.8290, -47.7367, 4.5350



105.2470, 25.0212, -92.3016



122.7890, 46.9390, -28.7560



122.4060, -12.0322, 79.4509

Rectangle

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



116.8290, -47.7367, 4.5350



96.4350, -3.6655, -84.5735



122.7890, 46.9390, -28.7560



127.9560, 17.2767, 58.7976

Sweetspot

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



116.8290, -47.7367, 4.5350



166.9020, -18.1927, 1.8399



59.0700, -19.2615, 64.8366



83.1390, -10.9145, 0.7551



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.



116.8290, -47.7367, 4.5350



148.4940, -73.2075, 7.4598



100.3840, -39.6293, -29.2778



65.3160, -2.6208, 0.5999



111.2930, -54.8674, 5.0050



2.3590, -1.1630, -0.3148

Inverse Universe

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



36.1710, 47.7367, -4.5350



24.8050, 73.0601, -6.8450



52.6160, 39.6293, 29.2778



60.6840, 2.6208, -0.5999



18.7070, 54.8674, -5.0050



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 116.8290, -47.7367, 4.5350 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 116.8290, -47.7367, 4.5350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

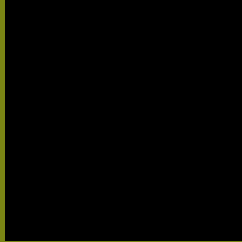
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.8290, -47.7367, 4.5350

Background



This preview shows how black text looks on a background with the YUV color 116.8290, -47.7367, 4.5350.



This preview shows how white text looks on a background with the YUV color 116.8290, -47.7367, 4.5350.

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, -47.7367, 4.5350

Protanopia

119.0590, -49.8221, 20.1193

Deuteranopia

121.2870, -45.4975, 33.0743



Tritanopia

127.4180, 2.7519, 4.0184

Trichromacy



Original Color

116.8290, -47.7367, 4.5350

Protanomaly

118.2540, -48.9322, 14.6862

Deuteranomaly

119.9930, -46.3385, 22.8081

Tritanomaly

123.3090, -15.4353, 4.1140

Monochromacy



Original Color

116.8290, -47.7367, 4.5350

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.1300, -17.3191, 1.6400

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8290, -47.7367, 4.5350 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(122, 133, 20)` looks like.

```
.text, #text, p{  
    color:rgb(122, 133, 20)  
}
```

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(122, 133, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 133, 20) }
```

Border

The CSS property to change the border of an element to YUV 116.8290, -47.7367, 4.5350 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(122, 133, 20) }
```


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

```
.border{ border-color:rgb(122, 133, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 133, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 133, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 133, 20);  
box-shadow:4px 4px 4px 4px rgb(122, 133,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 116.8290, -47.7367, 4.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 133, 20) }
```

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

```
.background{ background-color: rgb(122,  
133, 20) }
```

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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