

Converting Colors

YUV(112.4190, -32.2516,
31.2045)

Have a look what the booklet for
YUV(112.4190, -32.2516, 31.2045)
contains.

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Color

**YUV(112.4190, -32.2516,
31.2045)**

Conversions

Conversions Part 1

Format	Color
Hex	946B2F
RGB	148, 107, 47
RGB Percent	58%, 42%, 18%
CMY	0.4196, 0.5804, 0.8157
CMYK	0.00, 0.28, 0.68, 0.42
HSL	36°, 52%, 38%
HSV	36°, 68%, 58%
XYZ	17.9835, 17.0165, 5.0260
YIQ	112.4190, 43.6960, -9.9680

Conversions

Conversions Part 2

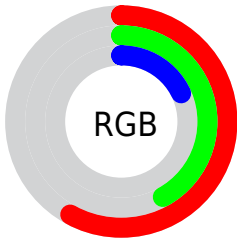
Format	Color
R_{YB}	116, 148, 47
Decimal	9726767
CIE _{Lab}	48.28, 9.97, 39.09
CIE _{LCh}	48, 40.337, 75.688
Yxy	17.0165, 0.4493, 0.4251
Android (android.graphics.Color)	4287916847 (0xFF946B2F)
YUV	112.4190, -32.2516, 31.2045
Hunter-Lab	41.2511, 5.6282, 21.6519

Details

The YUV color **112.4190, -32.2516, 31.2045** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **82.5810, 32.2516, -31.2045**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9850, -34.0096, 35.0932**, and **63.3260, -31.2197, 26.9011** is the 20% darker color. If you saturate the color by 10%, you get **107.1870, -37.0672, 35.7930**, and if you desaturate by 10%, it is **117.6510, -27.4359, 26.6161**.

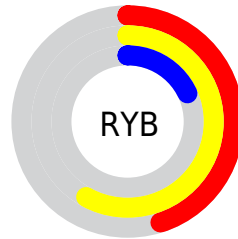
Distribution



Red (58%)

Green (42%)

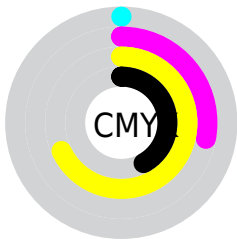
Blue (18%)



Red (45%)

Yellow (58%)

Blue (18%)

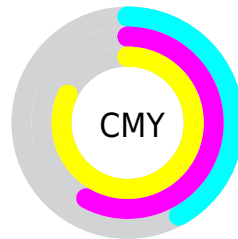


Cyan (0%)

Magenta (28%)

Yellow (68%)

Black (42%)



Cyan (42%)

Magenta (58%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.4190, -32.2516, 31.2045 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 112.4190, -32.2516, 31.2045 by changing the saturation by 10% instead.

■ 112.4190,
-32.2516, 31.2045

■ 112.4190,
-32.2516, 31.2045

■ 255.0000, 0.0000,
0.0000

■ 87.2230, -31.6619,
28.7454

■ 164.9850,
-34.0096, 35.0932

■ 63.3260, -31.2197,
26.9011

■ 192.3550,
-35.1780, 36.5227

■ 42.6380, -21.0205,
22.2425

■ 218.0340,
-35.0198, 32.4192

■ 23.1240, -11.4001,
16.5543

■ 237.5480,
-31.3292, 15.3054

■ 2.0930, -1.0318,
4.3034

■ 248.9580,
-23.1503, 5.2988

■ 0.0000, 0.0000,
0.0000

■ 252.1500,

-10.9200, 2.4994

■ 112.4190,
-32.2516, 31.2045

■ 112.4190,
-32.2516, 31.2045

■ 107.1870,
-37.0672, 35.7930

■ 117.6510,
-27.4359, 26.6161

■ 101.9550,
-41.8828, 40.3815

■ 122.8830,
-22.6203, 22.0276

■ 96.8370, -46.2616,
44.8700

■ 128.0010,
-18.2415, 17.5391

■ 95.9080, -47.2826,
45.6847

■ 133.2330,
-13.4259, 12.9507

■ 138.4650, -8.6102,
8.3622

■ 143.6970, -3.7946,
3.7737

■ 148.9290, 1.0210,
-0.8147

■ 154.0470, 5.3998,
-5.3032

■ 159.2790, 10.2155,
-9.8917

Harmonies

Analogous

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



113.6460, -22.9965, 49.4225



112.4190, -32.2516, 31.2045



109.4930, -31.3020, 6.5836

Triad

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



112.4190, -32.2516, 31.2045



92.5320, 19.4577, -81.1506



117.9680, 22.2008, 19.3221

Complementary

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



112.4190, -32.2516, 31.2045



82.5810, 32.2516, -31.2045

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.



112.8750, 33.0926, -20.9384



112.4190, -32.2516, 31.2045



94.3050, 33.8666, -82.7055

Square

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



112.4190, -32.2516, 31.2045



88.8520, 4.0170, -75.2922



92.7210, 43.0285, -81.3163



116.6480, 7.5685, 45.9127

Rectangle

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



112.4190, -32.2516, 31.2045



106.7940, -24.5484, -12.9743



92.7210, 43.0285, -81.3163



117.2160, 26.0225, 6.8266

Sweetspot

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



112.4190, -32.2516, 31.2045



177.8630, -12.2575, 11.5211



81.9870, 3.4574, 57.8934



88.5080, -7.1524, 7.4475



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



112.4190, -32.2516, 31.2045



136.1210, -50.3457, 48.1289



134.0940, -42.9373, 5.1796



71.4410, -2.1894, 2.2442



89.3960, -44.0722, 42.6257



6.5120, -3.2104, 3.0590

Inverse Universe

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



82.5810, 32.2516, -31.2045



89.4660, 50.0563, -48.6437



60.9060, 42.9373, -5.1796



69.5590, 2.1894, -2.2442



48.6040, 44.0722, -42.6257



3.4880, 3.2104, -3.0590

Previews

White Background



This preview shows how the YUV color 112.4190, -32.2516, 31.2045 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 112.4190, -32.2516, 31.2045 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 112.4190, -32.2516, 31.2045

Background



This preview shows how black text looks on a background with the YUV color 112.4190, -32.2516, 31.2045.



This preview shows how white text looks on a background with the YUV color 112.4190, -32.2516, 31.2045.

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

112.4190, -32.2516, 31.2045

Protanopia

111.3630, -30.7450, 14.5906

Deuteranopia

111.9840, -32.5301, 27.2010



Tritanopia

117.0470, -4.4602, 30.6538

Trichromacy



Original Color

112.4190, -32.2516, 31.2045

Protanomaly

111.5810, -31.3454, 20.5385

Deuteranomaly

111.9950, -32.5355, 28.9454

Tritanomaly

115.4140, -14.5011, 31.2089

Monochromacy



Original Color

112.4190, -32.2516, 31.2045

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.9770, -11.8207, 11.4212

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.4190, -32.2516, 31.2045 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(148, 107, 47)` looks like.

```
.text, #text, p{  
    color:rgb(148, 107, 47)  
}
```

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(148, 107, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 107, 47) }
```

Border

The CSS property to change the border of an element to YUV 112.4190, -32.2516, 31.2045 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(148, 107, 47) }
```


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

```
.border{ border-color:rgb(148, 107, 47) }
```

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

Here you see how a box with a 4 pixel rgb(148, 107, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 107, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 107, 47);  
box-shadow:4px 4px 4px 4px rgb(148, 107,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 112.4190, -32.2516, 31.2045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 107, 47) }
```

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

```
.background{ background-color: rgb(148,  
107, 47) }
```

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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