

Converting Colors

YUV(112.7900, -48.7035,
-12.0938)

Have a look what the booklet for
YUV(112.7900, -48.7035, -12.0938)
contains.

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Color

**YUV(112.7900, -48.7035,
-12.0938)**

Conversions

Conversions Part 1

Format	Color
Hex	638B0E
RGB	99, 139, 14
RGB Percent	39%, 55%, 5%
CMY	0.6118, 0.4549, 0.9451
CMYK	0.29, 0.00, 0.90, 0.45
HSL	79°, 82%, 30%
HSV	79°, 90%, 55%
XYZ	14.4575, 21.1496, 3.7358
YIQ	112.7900, 16.2850, -47.3550

Conversions

Conversions Part 2

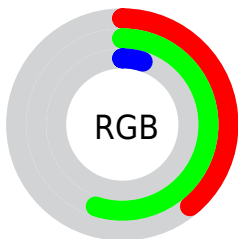
Format	Color
RYB	14, 139, 54
Decimal	6523662
CIELab	53.11, -31.00, 54.17
CIElCh	53, 62.413, 119.778
Yxy	21.1496, 0.3675, 0.5376
Android (android.graphics.Color)	4284713742 (0xFF638B0E)
YUV	112.7900, -48.7035, -12.0938
Hunter-Lab	45.9887, -24.3651, 27.3758

Details

The YUV color **112.7900, -48.7035, -12.0938** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **40.2100, 48.7035, 12.0938**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7730, -46.2301, -12.0789**, and **65.9970, -32.5365, -17.5374** is the 20% darker color. If you saturate the color by 10%, you get **109.9980, -54.2290, -13.1532**, and if you desaturate by 10%, it is **115.5820, -43.1779, -11.0344**.

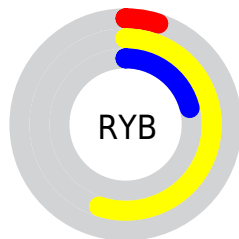
Distribution



Red (39%)

Green (55%)

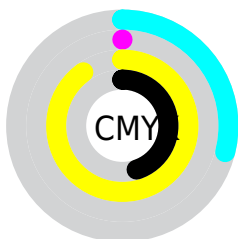
Blue (5%)



Red (5%)

Yellow (55%)

Blue (21%)

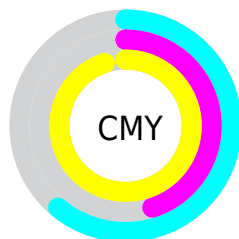


Cyan (29%)

Magenta (0%)

Yellow (90%)

Black (45%)



Cyan (61%)

Magenta (45%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7900, -48.7035, -12.0938 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 112.7900, -48.7035, -12.0938 by changing the saturation by 10% instead.

■ 112.7900,
-48.7035, -12.0938

■ 112.7900,
-48.7035, -12.0938

■ 255.0000, 0.0000,
0.0000

■ 87.8590, -43.3145,
-13.9083

■ 167.7730,
-46.2301, -12.0789

■ 65.9970, -32.5365,
-17.5374

■ 195.5450,
-47.1037, -11.8790

■ 42.9390, -21.1689,
-23.6255

■ 223.4310,
-47.5405, -11.7790

■ 24.6540, -12.1544,
-21.6216

■ 239.0010,
-41.9055, 0.8761

■ 11.1530, -5.4984,
-9.7812

■ 246.6780,
-31.8863, 7.2984

■ 0.0000, 0.0000,
0.0000

■ 249.8700,

-19.6559, 4.4990

■ 253.1760, -6.9888,
1.5996

■ 112.7900,
-48.7035, -12.0938

■ 112.7900,
-48.7035, -12.0938

■ 109.9980,
-54.2290, -13.1532

■ 115.5820,
-43.1779, -11.0344

■ 118.6730,
-37.7998, -9.3602

■ 121.4650,
-32.2742, -8.3008

■ 124.5560,
-26.8961, -6.6266

■ 127.3480,
-21.3706, -5.5672

■ 130.3250,
-16.4292, -3.7930

■ 133.1170,
-10.9037, -2.7336

■ 136.2080, -5.5255,
-1.0594

■ 139.0000, 0.0000,
0.0000

Harmonies

Analogous

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



118.2360, -58.2903, 29.6110



112.7900, -48.7035, -12.0938



94.1550, -12.4014, -82.5739

Triad

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



112.7900, -48.7035, -12.0938



110.6680, 53.4077, -97.0558



121.3910, 4.2442, 85.6031

Complementary

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



112.7900, -48.7035, -12.0938



40.2100, 48.7035, 12.0938

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.



128.6270, 26.3129, 53.8241



112.7900, -48.7035, -12.0938



104.8610, 64.1585, -91.9631

Square

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



112.7900, -48.7035, -12.0938



109.0430, 34.4888, -95.6307



128.3020, 45.7001, -4.6499



120.3330, -21.3632, 85.6540

Rectangle

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



112.7900, -48.7035, -12.0938



100.1340, 2.8919, -87.8175



128.3020, 45.7001, -4.6499



123.4100, 12.1229, 78.5704

Sweetspot

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



112.7900, -48.7035, -12.0938



170.6300, -19.0446, -4.9375



74.8550, -30.0015, 56.2552



85.5900, -11.6299, -3.1484



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.



112.7900, -48.7035, -12.0938



143.0240, -70.5108, -17.5610



94.2520, -39.5642, -50.2100



67.6040, -2.7628, -0.5297



104.9810, -51.7556, -13.1383



3.8320, -1.8892, -0.7297

Inverse Universe

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



40.2100, 48.7035, 12.0938



37.9760, 70.5108, 17.5610



58.7480, 39.5642, 50.2100



63.3960, 2.7628, 0.5297



27.7200, 51.9030, 12.5236



1.1680, 1.8892, 0.7297

Previews

White Background



This preview shows how the YUV color 112.7900, -48.7035, -12.0938 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 112.7900, -48.7035, -12.0938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

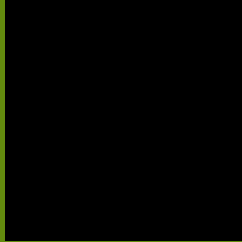
Any Text WCAG AA ✓ Pass

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 112.7900, -48.7035, -12.0938 Background



This preview shows how black text looks on a background with the YUV color 112.7900, -48.7035, -12.0938.



This preview shows how white text looks on a background with the YUV color 112.7900, -48.7035, -12.0938.

-12.0938.

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

112.7900, -48.7035, -12.0938

Protanopia

118.2180, -54.3375, 21.7338

Deuteranopia

121.2870, -45.4975, 33.0743



Tritanopia

125.1710, 7.3107, -11.5510

Trichromacy



Original Color

112.7900, -48.7035, -12.0938

Protanomaly

116.0100, -52.2629, 9.6382

Deuteranomaly

118.2480, -46.4643, 16.4455

Tritanomaly

120.7800, -13.2025, -12.0851

Monochromacy



Original Color

112.7900, -48.7035, -12.0938

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.6840, -17.5922, -4.1079

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7900, -48.7035, -12.0938 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(99, 139, 14)` looks like.

```
.text, #text, p{  
    color:rgb(99, 139, 14)  
}
```

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(99, 139, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 139, 14) }
```

Border

The CSS property to change the border of an element to YUV 112.7900, -48.7035, -12.0938 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(99, 139, 14) }
```


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

```
.border{ border-color:rgb(99, 139, 14) }
```

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

Here you see how a box with a 4 pixel rgb(99, 139, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 139, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 139, 14);  
box-shadow:4px 4px 4px 4px rgb(99, 139,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 112.7900, -48.7035, -12.0938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 139, 14) }
```

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

```
.background{ background-color: rgb(99, 139,  
14) }
```

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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