

Converting Colors

YUV(112.9080, -14.2516,
-49.0313)

Have a look what the booklet for
YUV(112.9080, -14.2516, -49.0313)
contains.

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Color

**YUV(112.9080, -14.2516,
-49.0313)**

Conversions

Conversions Part 1

Format	Color
Hex	399354
RGB	57, 147, 84
RGB Percent	22%, 58%, 33%
CMY	0.7765, 0.4235, 0.6706
CMYK	0.61, 0.00, 0.43, 0.42
HSL	138°, 44%, 40%
HSV	138°, 61%, 58%
XYZ	13.7213, 22.3774, 11.9836
YIQ	112.9080, -33.4170, -38.6730

Conversions

Conversions Part 2

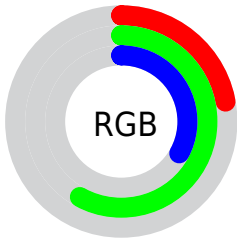
Format	Color
RYB	57, 126, 147
Decimal	3773268
CIELab	54.43, -41.26, 25.58
CIElCh	54, 48.547, 148.207
Yxy	22.3774, 0.2854, 0.4654
Android (android.graphics.Color)	4281963348 (0xFF399354)
YUV	112.9080, -14.2516, -49.0313
Hunter-Lab	47.3047, -31.0073, 18.0935

Details

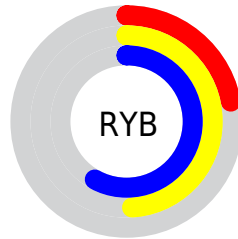
The YUV color **112.9080, -14.2516, -49.0313** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **91.0920, 14.2516, 49.0313**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6370, -16.5830, -47.9166**, and **59.9830, -11.3306, -52.6051** is the 20% darker color. If you saturate the color by 10%, you get **107.2830, -16.4085, -57.2532**, and if you desaturate by 10%, it is **118.5330, -12.0948, -40.8094**.

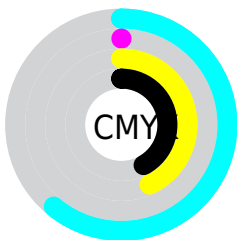
Distribution



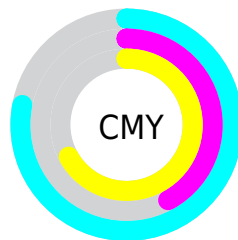
- Red (22%)
- Green (58%)
- Blue (33%)



- Red (22%)
- Yellow (49%)
- Blue (58%)



- Cyan (61%)
- Magenta (0%)
- Yellow (43%)
- Black (42%)



- Cyan (78%)
- Magenta (42%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.9080, -14.2516, -49.0313 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 112.9080, -14.2516, -49.0313 by changing the saturation by 10% instead.

■ 112.9080,
-14.2516, -49.0313

■ 112.9080,
-14.2516, -49.0313

■ 255.0000, 0.0000,
0.0000

■ 85.0430, -12.3462,
-53.5347

■ 167.6370,
-16.5830, -47.9166

■ 59.9830, -11.3306,
-52.6051

■ 195.2240,
-16.8724, -48.4314

■ 43.3870, -13.9948,
-38.0504

■ 221.6480,
-16.5885, -46.1723

■ 27.5890, -13.6014,
-24.1956

■ 233.2120, -8.4855,
-31.7579

■ 14.0880, -6.9454,
-12.3552

■ 245.0750, -0.5300,
-16.7288

■ 0.0000, 0.0000,
0.0000

■ 112.9080,
-14.2516, -49.0313

■ 112.9080,
-14.2516, -49.0313

■ 107.2830,
-16.4085, -57.2532

■ 118.5330,
-12.0948, -40.8094

■ 101.8430,
-19.1496, -64.7603

■ 123.9730, -9.3537,
-33.3023

■ 96.2180, -21.3065,
-72.9822

■ 129.5980, -7.1968,
-25.0804

■ 91.3050, -23.3214,
-80.0745

■ 135.2230, -5.0399,
-16.8586

■ 140.8480, -2.8831,
-8.6367

■ 146.2880, -0.1420,
-1.1296

■ 151.9130, 2.0149,
7.0923

■ 157.5380, 4.1718,

15.3142

■ 162.9780, 6.9128,
22.8213

Harmonies

Analogous

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



121.4930, -34.7530, -6.5714



112.9080, -14.2516, -49.0313



103.0010, 11.3385, -90.3319

Triad

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



112.9080, -14.2516, -49.0313



106.0220, 53.2332, -87.7193



129.1350, -17.8146, 67.4106

Complementary

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



112.9080, -14.2516, -49.0313



91.0920, 14.2516, 49.0313

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.



130.8630, 1.5465, 64.1411



112.9080, -14.2516, -49.0313



131.6690, 35.6592, -4.0947

Square

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



112.9080, -14.2516, -49.0313



108.6160, 45.5453, -95.2562



133.9320, 20.2465, 39.5246



127.7960, -33.9164, 51.9219

Rectangle

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



112.9080, -14.2516, -49.0313



106.3070, 24.0056, -93.2312



133.9320, 20.2465, 39.5246



129.4540, -11.5628, 68.8848

Sweetspot

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



112.9080, -14.2516, -49.0313



178.0980, -5.4713, -18.5029



128.6670, -35.3318, -7.6010



89.0110, -3.4564, -11.4106



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.



112.9080, -14.2516, -49.0313



138.3810, -21.8798, -75.7561



118.0380, 5.4043, -53.5303



71.3370, -1.1521, -3.8035



85.6800, -22.0272, -75.1414



6.2120, -1.5835, -5.4479

Inverse Universe

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



91.0920, 14.2516, 49.0313



104.6190, 21.8798, 75.7561



85.9620, -5.4043, 53.5303



69.6630, 1.1521, 3.8035



52.2060, 21.5904, 75.2413



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 112.9080, -14.2516, -49.0313 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 112.9080, -14.2516, -49.0313 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 112.9080, -14.2516, -49.0313 Background



This preview shows how black text looks on a background with the YUV color 112.9080, -14.2516, -49.0313.



This preview shows how white text looks on a background with the YUV color 112.9080, -14.2516, -49.0313.

-49.0313.

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

112.9080, -14.2516, -49.0313

Protanopia

126.9590, -24.6298, 13.1910

Deuteranopia

128.9800, -19.7101, 21.9425



Tritanopia

121.5310, 14.5282, -39.9307

Trichromacy



Original Color

112.9080, -14.2516, -49.0313

Protanomaly

122.1410, -20.7755, -9.7707

Deuteranomaly

122.9830, -17.7396, -3.4931

Tritanomaly

118.4630, 4.2087, -43.3791

Monochromacy



Original Color

112.9080, -14.2516, -49.0313

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8100, -5.3293, -17.3734

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9080, -14.2516, -49.0313 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(57, 147, 84)` looks like.

```
.text, #text, p{  
    color:rgb(57, 147, 84)  
}
```

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(57, 147, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 147, 84) }
```

Border

The CSS property to change the border of an element to YUV 112.9080, -14.2516, -49.0313 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(57, 147, 84) }
```


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

```
.border{ border-color:rgb(57, 147, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 147, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 147, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 147, 84);  
box-shadow:4px 4px 4px 4px rgb(57, 147,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 112.9080, -14.2516, -49.0313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 147, 84) }
```

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

```
.background{ background-color: rgb(57, 147,  
84) }
```

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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