

Converting Colors

YUV(115.9630, -14.2788,
-40.3096)

Have a look what the booklet for
YUV(115.9630, -14.2788, -40.3096)
contains.

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Color

**YUV(115.9630, -14.2788,
-40.3096)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 469157 |
| RGB | 70, 145, 87 |
| RGB Percent | 27%, 57%, 34% |
| CMY | 0.7255, 0.4314, 0.6588 |
| CMYK | 0.52, 0.00, 0.40, 0.43 |
| HSL | 134°, 35%, 42% |
| HSV | 134°, 52%, 57% |
| XYZ | 14.3715, 22.2410, 12.5523 |
| YIQ | 115.9630, -26.0820, -33.9380 |

Conversions

Conversions Part 2

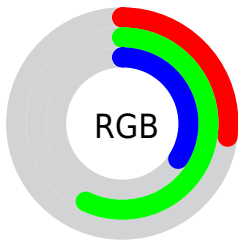
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 70, 131, 145 |
| Decimal | 4624727 |
| CIELab | 54.28, -36.57, 23.84 |
| CIELCh | 54, 43.649, 146.899 |
| Yxy | 22.2410, 0.2923, 0.4524 |
| Android (android.graphics.Color) | 4282814807 (0xFF469157) |
| YUV | 115.9630, -14.2788, -40.3096 |
| Hunter-Lab | 47.1604, -28.1352, 17.2315 |

Details

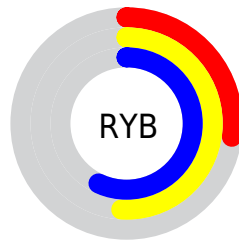
The YUV color **115.9630, -14.2788, -40.3096** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **99.0370, 14.2788, 40.3096**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.0940, -16.3153, -40.4244**, and **61.8310, -10.7627, -48.0868** is the 20% darker color. If you saturate the color by 10%, you get **110.5230, -17.0198, -47.8167**, and if you desaturate by 10%, it is **121.7020, -11.6851, -32.1877**.

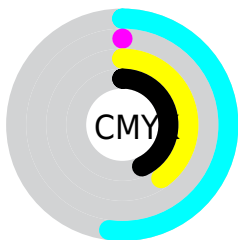
Distribution



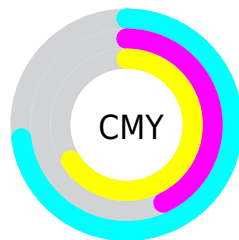
- Red (27%)
- Green (57%)
- Blue (34%)



- Red (27%)
- Yellow (51%)
- Blue (57%)



- Cyan (52%)
- Magenta (0%)
- Yellow (40%)
- Black (43%)



- Cyan (73%)
- Magenta (43%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.9630, -14.2788, -40.3096 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 115.9630, -14.2788, -40.3096 by changing the saturation by 10% instead.

■ 115.9630,
-14.2788, -40.3096

■ 115.9630,
-14.2788, -40.3096

■ 255.0000, 0.0000,
0.0000

■ 89.5930, -13.1103,
-41.7391

■ 170.0940,
-16.3153, -40.4244

■ 61.8310, -10.7627,
-48.0868

■ 197.6810,
-16.6047, -40.9392

■ 42.5550, -12.1056,
-37.3207

■ 224.9800,
-16.7521, -40.3245

■ 27.0020, -13.3120,
-23.6808

■ 236.5440, -8.6492,
-25.9101

■ 14.0880, -6.9454,
-12.3552

■ 248.5210, -0.2569,
-10.9809

■ 0.0000, 0.0000,
0.0000

■ 115.9630,
-14.2788, -40.3096

■ 115.9630,
-14.2788, -40.3096

■ 110.5230,
-17.0198, -47.8167

■ 121.7020,
-11.6851, -32.1877

■ 104.7840,
-19.6135, -55.9386

■ 127.1420, -8.9440,
-24.6805

■ 99.2300, -22.7914,
-63.3457

■ 132.9950, -5.9135,
-16.6586

■ 93.4910, -25.3851,
-71.4676

■ 138.4350, -3.1725,
-9.1515

■ 88.8770, -27.5474,
-77.9451

■ 144.1740, -0.5788,
-1.0296

■ 149.6140, 2.1623,
6.4775

■ 155.0540, 4.9034,
13.9846

■ 160.9070, 7.9338,

22.0066

■ 166.6460, 10.5275,
30.1285

Harmonies

Analogous

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



123.0140, -31.5589, -4.3973



115.9630, -14.2788, -40.3096



101.1260, 11.7699, -88.6875

Triad

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



115.9630, -14.2788, -40.3096



115.4720, 44.1373, -63.5579



129.3730, -15.4669, 61.0629

Complementary

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



115.9630, -14.2788, -40.3096



99.0370, 14.2788, 40.3096

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.



131.8190, 1.5682, 57.1637



115.9630, -14.2788, -40.3096



131.1590, 32.4596, -4.5244

Square

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



115.9630, -14.2788, -40.3096



106.4160, 42.1929, -93.3268



134.1440, 18.6630, 34.0767



128.3980, -30.2692, 48.7630

Rectangle

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



115.9630, -14.2788, -40.3096



104.6770, 22.8372, -91.8017



134.1440, 18.6630, 34.0767



129.8660, -9.7939, 61.5075

Sweetspot

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



115.9630, -14.2788, -40.3096



177.2940, -6.0609, -16.0438



131.6660, -30.4013, -2.3381



87.0220, -3.4618, -9.6663



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



115.9630, -14.2788, -40.3096



143.6430, -22.5020, -62.8309



120.1810, 1.8828, -44.0087



68.3370, -1.1521, -3.8035



82.7790, -25.5270, -72.5972



4.9240, -1.4415, -4.3183

Inverse Universe

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



99.0370, 14.2788, 40.3096



117.2430, 22.0652, 62.9309



94.8190, -1.8828, 44.0087



66.7770, 1.5889, 3.7036



52.3350, 25.9638, 72.4972



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 115.9630, -14.2788, -40.3096 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 115.9630, -14.2788, -40.3096 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 115.9630, -14.2788, -40.3096 Background



This preview shows how black text looks on a background with the YUV color 115.9630, -14.2788, -40.3096.



This preview shows how white text looks on a background with the YUV color 115.9630, -14.2788, -40.3096.

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

115.9630, -14.2788, -40.3096

Protanopia

127.1160, -22.7352, 12.1763

Deuteranopia

129.0230, -18.2523, 21.0278



Tritanopia

123.4070, 12.6173, -33.6829

Trichromacy



Original Color

115.9630, -14.2788, -40.3096

Protanomaly

123.0920, -19.7654, -7.0967

Deuteranomaly

124.5210, -17.0189, -1.3339

Tritanomaly

121.0510, 2.4399, -36.0017

Monochromacy



Original Color

115.9630, -14.2788, -40.3096

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1200, -5.4822, -15.0142

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9630, -14.2788, -40.3096 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(70, 145, 87)` looks like.

```
.text, #text, p{  
    color:rgb(70, 145, 87)  
}
```

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(70, 145, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 145, 87) }
```

Border

The CSS property to change the border of an element to YUV 115.9630, -14.2788, -40.3096 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(70, 145, 87) }
```


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

```
.border{ border-color:rgb(70, 145, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 145, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 145, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 145, 87);  
box-shadow:4px 4px 4px 4px rgb(70, 145,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 115.9630, -14.2788, -40.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 145, 87) }
```

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

```
.background{ background-color: rgb(70, 145,  
87) }
```

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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