

Converting Colors

YUV(141.9050, -19.6732,
-36.7507)

Have a look what the booklet for
YUV(141.9050, -19.6732, -36.7507)
contains.

YUV(141.9050, -19.6732, -36.7507)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(141.9050, -19.6732,
-36.7507)**

Conversions

Conversions Part 1

Format	Color
Hex	64AB66
RGB	100, 171, 102
RGB Percent	39%, 67%, 40%
CMY	0.6078, 0.3294, 0.6000
CMYK	0.42, 0.00, 0.40, 0.33
HSL	122°, 30%, 53%
HSV	122°, 42%, 67%
XYZ	22.2167, 32.7945, 17.7294
YIQ	141.9050, -20.1670, -36.5110

Conversions

Conversions Part 2

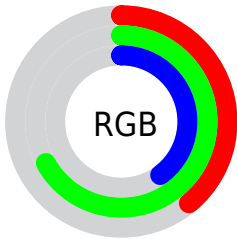
Format	Color
RYB	100, 169, 171
Decimal	6597478
CIELab	63.99, -36.80, 28.71
CIELCh	64, 46.675, 142.044
Yxy	32.7945, 0.3054, 0.4508
Android (android.graphics.Color)	4284787558 (0xFF64AB66)
YUV	141.9050, -19.6732, -36.7507
Hunter-Lab	57.2664, -30.9666, 21.7306

Details

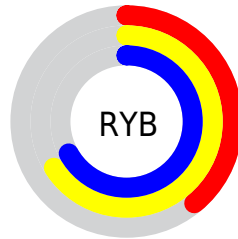
The YUV color **141.9050, -19.6732, -36.7507** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **129.0950, 19.6732, 36.7507**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.8510, -21.1255, -37.5803**, and **89.1760, -17.3418, -37.8654** is the 20% darker color. If you saturate the color by 10%, you get **134.8840, -24.5928, -45.5023**, and if you desaturate by 10%, it is **148.9260, -14.7535, -27.9991**.

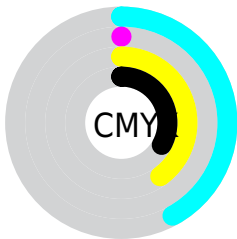
Distribution



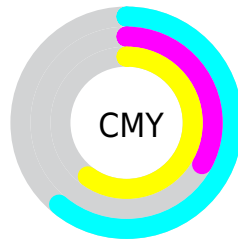
- Red (39%)
- Green (67%)
- Blue (40%)



- Red (39%)
- Yellow (66%)
- Blue (67%)



- Cyan (42%)
- Magenta (0%)
- Yellow (40%)
- Black (33%)



- Cyan (61%)
- Magenta (33%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.9050, -19.6732, -36.7507 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 141.9050, -19.6732, -36.7507 by changing the saturation by 10% instead.

■ 141.9050,
-19.6732, -36.7507

■ 141.9050,
-19.6732, -36.7507

■ 255.0000, 0.0000,
0.0000

■ 115.1330,
-18.7996, -36.9506

■ 196.8510,
-21.1255, -37.5803

■ 89.1760, -17.3418,
-37.8654

■ 224.7370,
-21.5623, -37.4803

■ 62.6100, -15.5837,
-41.7540

■ 236.3010,
-13.4594, -23.0660

■ 41.3010, -16.9104,
-36.2210

■ 248.1640, -5.5039,
-8.0368

■ 27.0020, -13.3120,
-23.6808

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,

0.0000

■ 141.9050,
-19.6732, -36.7507

■ 141.9050,
-19.6732, -36.7507

■ 134.8840,
-24.5928, -45.5023

■ 148.9260,
-14.7535, -27.9991

■ 127.9770,
-29.0757, -54.3538

■ 155.8330,
-10.2707, -19.1475

■ 120.9560,
-33.9953, -63.1054

■ 162.8540, -5.3510,
-10.3960

■ 114.0490,
-38.4782, -71.9570

■ 169.7610, -0.8682,
-1.5444

■ 106.7290,
-43.2504, -81.3233

■ 176.7820, 4.0515,
7.2072

■ 100.9470,
-47.3019, -88.5305

■ 184.1020, 8.8237,
16.5735

■ 191.0090, 13.3066,
25.4251

■ 198.0300, 18.2262,
34.1767

■ 205.0510, 23.1459,
42.9283

Harmonies

Analogous

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



148.1950, -36.0851, 0.7060



141.9050, -19.6732, -36.7507



119.5000, 11.0925, -104.8015

Triad

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



141.9050, -19.6732, -36.7507



136.1540, 49.7171, -79.9421



155.6450, -14.6150, 67.8403

Complementary

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



141.9050, -19.6732, -36.7507



129.0950, 19.6732, 36.7507

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.



158.0520, 4.9044, 60.4674



141.9050, -19.6732, -36.7507



155.7710, 37.5809, -13.8312

Square

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



141.9050, -19.6732, -36.7507



126.0440, 46.3203, -110.5406



159.6860, 23.3258, 31.8474



154.5130, -31.3119, 56.5551

Rectangle

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



141.9050, -19.6732, -36.7507



122.8060, 23.7596, -107.7009



159.6860, 23.3258, 31.8474



156.3660, -8.0684, 68.0850

Sweetspot

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



141.9050, -19.6732, -36.7507



210.9630, -7.3768, -13.9996



162.6070, -30.8653, 6.4837



105.5060, -4.1935, -8.3368



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



141.9050, -19.6732, -36.7507



176.4990, -30.8120, -57.4426



145.8950, -4.3852, -40.2499



83.2830, -2.6045, -4.6332



88.5060, -41.6615, -77.6198



13.6150, -6.2192, -11.9404

Inverse Universe

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



129.0950, 19.6732, 36.7507



156.5010, 30.8120, 57.4426



125.1050, 4.3852, 40.2499



81.6030, 2.1677, 4.7332



61.4940, 41.6615, 77.6198



9.3850, 6.2192, 11.9404

Previews

White Background



This preview shows how the YUV color 141.9050, -19.6732, -36.7507 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 141.9050, -19.6732, -36.7507 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 ✓ Pass

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

YUV 141.9050, -19.6732, -36.7507 Background



This preview shows how black text looks on a background with the YUV color 141.9050, -19.6732, -36.7507.



This preview shows how white text looks on a background with the YUV color 141.9050, -19.6732, -36.7507.

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

141.9050, -19.6732, -36.7507

Protanopia

151.4600, -27.8348, 14.5056

Deuteranopia

154.0900, -23.2154, 26.2311



Tritanopia

149.4290, 12.6065, -30.1942

Trichromacy



Original Color

141.9050, -19.6732, -36.7507

Protanomaly

147.8490, -24.5756, -4.2526

Deuteranomaly

149.2890, -21.8345, 3.2545

Tritanomaly

146.6170, 0.6818, -32.1131

Monochromacy



Original Color

141.9050, -19.6732, -36.7507

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.2620, -7.5242, -13.3848

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.9050, -19.6732, -36.7507 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(100, 171, 102)` looks like.

```
.text, #text, p{  
    color:rgb(100, 171, 102)  
}
```

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(100, 171, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 171, 102) }
```

Border

The CSS property to change the border of an element to YUV 141.9050, -19.6732, -36.7507 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(100, 171, 102) }
```


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

```
.border{ border-color:rgb(100, 171, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 171, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 171, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 171, 102);  
box-shadow:4px 4px 4px 4px rgb(100, 171,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 141.9050, -19.6732, -36.7507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 171, 102) }
```

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

```
.background{ background-color: rgb(100,  
171, 102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor