

Converting Colors

YUV(142.6150, -13.1212,
-38.2504)

Have a look what the booklet for
YUV(142.6150, -13.1212, -38.2504)
contains.

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Color

**YUV(142.6150, -13.1212,
-38.2504)**

Conversions

Conversions Part 1

Format	Color
Hex	63AA74
RGB	99, 170, 116
RGB Percent	39%, 67%, 45%
CMY	0.6118, 0.3333, 0.5451
CMYK	0.42, 0.00, 0.32, 0.33
HSL	134°, 29%, 53%
HSV	134°, 42%, 67%
XYZ	22.6727, 32.6631, 21.6326
YIQ	142.6150, -24.9820, -31.8460

Conversions

Conversions Part 2

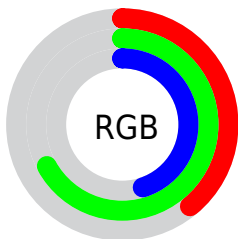
Format	Color
RYB	99, 156, 170
Decimal	6531700
CIELab	63.89, -34.25, 21.03
CIElCh	64, 40.192, 148.443
Yxy	32.6631, 0.2946, 0.4244
Android (android.graphics.Color)	4284721780 (0xFF63AA74)
YUV	142.6150, -13.1212, -38.2504
Hunter-Lab	57.1516, -29.2023, 17.5641

Details

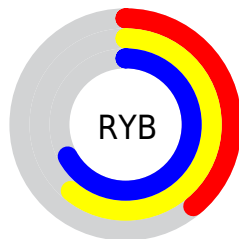
The YUV color **142.6150, -13.1212, -38.2504** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **126.3850, 13.1212, 38.2504**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.5610, -14.5736, -39.0800**, and **90.0710, -11.3740, -38.6503** is the 20% darker color. If you saturate the color by 10%, you get **136.0500, -16.2936, -47.4018**, and if you desaturate by 10%, it is **149.1800, -9.9487, -29.0989**.

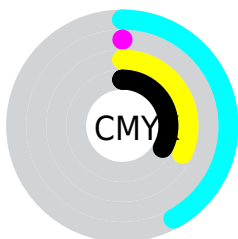
Distribution



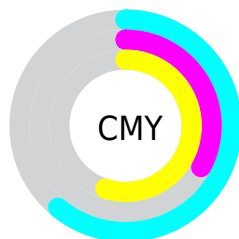
- Red (39%)
- Green (67%)
- Blue (45%)



- Red (39%)
- Yellow (61%)
- Blue (67%)



- Cyan (42%)
- Magenta (0%)
- Yellow (32%)
- Black (33%)



- Cyan (61%)
- Magenta (33%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.6150, -13.1212, -38.2504 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 142.6150, -13.1212, -38.2504 by changing the saturation by 10% instead.

■ 142.6150,
-13.1212, -38.2504

■ 142.6150,
-13.1212, -38.2504

■ 255.0000, 0.0000,
0.0000

■ 116.1420,
-12.3950, -37.8355

■ 197.5610,
-14.5736, -39.0800

■ 90.0710, -11.3740,
-38.6503

■ 226.1480,
-14.8630, -39.5948

■ 63.6190, -9.1792,
-42.6389

■ 237.7120, -6.7600,
-25.1804

■ 42.5380, -9.6322,
-37.3058

■ 249.5750, 1.1955,
-10.1513

■ 26.4150, -13.0226,
-23.1660

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,

0.0000

■ 142.6150,
-13.1212, -38.2504

■ 142.6150,
-13.1212, -38.2504

■ 136.0500,
-16.2936, -47.4018

■ 149.1800, -9.9487,
-29.0989

■ 129.4850,
-19.4661, -56.5533

■ 155.7450, -6.7763,
-19.9474

■ 122.9200,
-22.6386, -65.7048

■ 162.3100, -3.6038,
-10.7959

■ 116.3550,
-25.8110, -74.8563

■ 168.8750, -0.4314,
-1.6444

■ 109.7900,
-28.9835, -84.0078

■ 175.4400, 2.7411,
7.5071

■ 104.4640,
-31.2878, -91.6149

■ 182.0050, 5.9135,
16.6586

■ 188.5700, 9.0860,
25.8101

■ 195.0210, 11.8216,
35.0616

■ 201.5860, 14.9941,
44.2131

Harmonies

Analogous

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



148.3990, -28.7907, -5.6119



142.6150, -13.1212, -38.2504



129.9420, 10.8746, -81.5101

Triad

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



142.6150, -13.1212, -38.2504



147.2030, 38.8469, -46.6590



156.1230, -16.3296, 57.7741

Complementary

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



142.6150, -13.1212, -38.2504



126.3850, 13.1212, 38.2504

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.



157.7540, 0.1213, 54.5897



142.6150, -13.1212, -38.2504



156.8990, 30.1228, -1.6654

Square

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



142.6150, -13.1212, -38.2504



123.1260, 45.2939, -107.9815



159.2750, 16.6264, 33.9618



154.3160, -29.2428, 46.2039

Rectangle

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



142.6150, -13.1212, -38.2504



121.6150, 26.8118, -106.6564



159.2750, 16.6264, 33.9618



156.8010, -11.2409, 58.9335

Sweetspot

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



142.6150, -13.1212, -38.2504



210.8210, -5.3348, -15.6290



156.8230, -28.5067, -3.3528



105.1360, -3.0250, -9.7663



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.



142.6150, -13.1212, -38.2504



179.1210, -20.7657, -59.7421



146.6050, 2.1667, -41.7496



80.9240, -1.4415, -4.3183



90.8660, -27.5419, -79.6895



12.3100, -3.6038, -10.7959

Inverse Universe

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



126.3850, 13.1212, 38.2504



153.7650, 20.3289, 59.8421



122.3950, -2.1667, 41.7496



79.0760, 1.4415, 4.3183



57.0200, 27.1051, 79.7895



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 142.6150, -13.1212, -38.2504 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 142.6150, -13.1212, -38.2504 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 142.6150, -13.1212, -38.2504 Background



This preview shows how black text looks on a background with the YUV color 142.6150, -13.1212, -38.2504.



This preview shows how white text looks on a background with the YUV color 142.6150, -13.1212, -38.2504.

-38.2504.

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

142.6150, -13.1212, -38.2504

Protanopia

152.4580, -21.4248, 11.8763

Deuteranopia

154.4900, -16.5106, 22.3723



Tritanopia

148.6460, 13.4855, -32.1385

Trichromacy



Original Color

142.6150, -13.1212, -38.2504

Protanomaly

149.1460, -18.3130, -6.2670

Deuteranomaly

150.2870, -15.4245, 0.6253

Tritanomaly

146.4040, 3.7448, -34.5573

Monochromacy



Original Color

142.6150, -13.1212, -38.2504

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.9460, -4.9034, -13.9846

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.6150, -13.1212, -38.2504 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, 170, 116)` looks like.

```
.text, #text, p{  
    color:rgb(99, 170, 116)  
}
```

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, 170, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 170, 116) }
```

Border

The CSS property to change the border of an element to YUV 142.6150, -13.1212, -38.2504 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, 170, 116) }
```


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

```
.border{ border-color:rgb(99, 170, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 170, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 170, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 170, 116);  
box-shadow:4px 4px 4px 4px rgb(99, 170,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 142.6150, -13.1212, -38.2504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 170, 116) }
```

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

```
.background{ background-color: rgb(99, 170,  
116) }
```

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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