

Converting Colors

YUV(149.8880, -24.1018,
-63.0458)

Have a look what the booklet for
YUV(149.8880, -24.1018, -63.0458)
contains.

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Color

**YUV(149.8880, -24.1018,
-63.0458)**

Conversions

Conversions Part 1

Format	Color
Hex	4EC465
RGB	78, 196, 101
RGB Percent	31%, 77%, 40%
CMY	0.6941, 0.2314, 0.6039
CMYK	0.60, 0.00, 0.48, 0.23
HSL	132°, 50%, 54%
HSV	132°, 60%, 77%
XYZ	25.2308, 42.0391, 19.0965
YIQ	149.8880, -39.8330, -54.5610

Conversions

Conversions Part 2

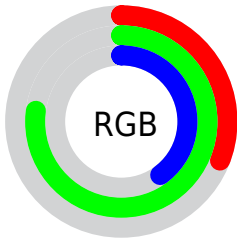
Format	Color
RYB	78, 177, 196
Decimal	5162085
CIELab	70.90, -53.22, 37.87
CIELCh	71, 65.319, 144.562
Yxy	42.0391, 0.2921, 0.4868
Android (android.graphics.Color)	4283352165 (0xFF4EC465)
YUV	149.8880, -24.1018, -63.0458
Hunter-Lab	64.8376, -44.0047, 27.9238

Details

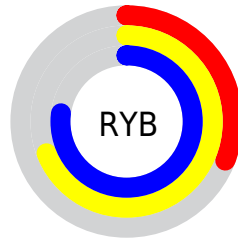
The YUV color **149.8880, -24.1018, -63.0458** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **124.1120, 24.1018, 63.0458**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.5030, -26.8700, -61.8311**, and **88.5810, -18.5274, -77.6855** is the 20% darker color. If you saturate the color by 10%, you get **142.0840, -28.1424, -73.7417**, and if you desaturate by 10%, it is **157.6920, -20.0612, -52.3499**.

Distribution



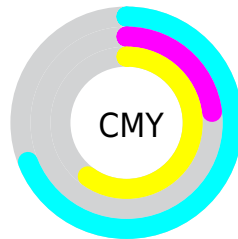
- Red (31%)
- Green (77%)
- Blue (40%)



- Red (31%)
- Yellow (69%)
- Blue (77%)



- Cyan (60%)
- Magenta (0%)
- Yellow (48%)
- Black (23%)



- Cyan (69%)
- Magenta (23%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.8880, -24.1018, -63.0458 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 149.8880, -24.1018, -63.0458 by changing the saturation by 10% instead.

■ 149.8880,
-24.1018, -63.0458

■ 149.8880,
-24.1018, -63.0458

■ 255.0000, 0.0000,
0.0000

■ 120.4360,
-21.9069, -67.0344

■ 207.5030,
-26.8700, -61.8311

■ 88.5810, -18.5274,
-77.6855

■ 220.2520,
-19.3512, -46.7020

■ 70.4690, -21.9232,
-61.8013

■ 232.1150,
-11.3957, -31.6729

■ 52.2430, -25.7558,
-45.8171

■ 244.2770, -3.5876,
-16.0289

■ 37.5680, -18.5210,
-32.9471

■ 24.6540, -12.1544,
-21.6216

■ 3.5220, -1.7363,

-3.0888

■ 0.0000, 0.0000,
0.0000

■ 149.8880,
-24.1018, -63.0458

■ 149.8880,
-24.1018, -63.0458

■ 142.0840,
-28.1424, -73.7417

■ 157.6920,
-20.0612, -52.3499

■ 134.5790,
-32.3304, -83.8228

■ 165.1970,
-15.8731, -42.2688

■ 126.8890,
-35.9343, -94.6187

■ 172.8870,
-12.2693, -31.4729

■ 119.3840,
-40.1223, -104.6998

■ 180.3920, -8.0813,
-21.3918

■ 188.1960, -4.0406,
-10.6959

■ 196.0000, 0.0000,
0.0000

■ 203.3910, 3.7512,
10.1811

■ 211.1950, 7.7919,
20.8770

■ 218.7000, 11.9799,
30.9581

Harmonies

Analogous

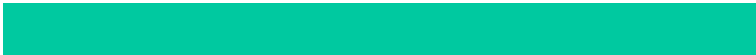
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



161.8080, -52.6563, -4.2166



149.8880, -24.1018, -63.0458



136.2270, 11.7201, -119.4711

Triad

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



149.8880, -24.1018, -63.0458



136.4910, 58.4249, -119.7026



163.0380, -17.2737, 80.6507

Complementary

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



149.8880, -24.1018, -63.0458



124.1120, 24.1018, 63.0458

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.



167.4160, 9.6549, 76.8112



149.8880, -24.1018, -63.0458



170.5090, 41.6541, -13.6014

Square

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



149.8880, -24.1018, -63.0458



144.1220, 54.6629, -126.3950



178.3860, 31.8547, 49.6505



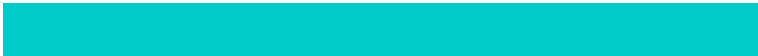
169.5510, -45.6276, 74.9388

Rectangle

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



149.8880, -24.1018, -63.0458



141.6020, 29.7762, -124.1850



178.3860, 31.8547, 49.6505



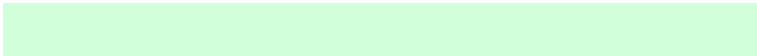
162.8560, -7.8170, 80.8103

Sweetspot

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



149.8880, -24.1018, -63.0458



237.0280, -9.3808, -24.5806



175.9700, -48.2992, -1.7277



116.7070, -5.7716, -15.5290



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



149.8880, -24.1018, -63.0458



183.1120, -37.5232, -98.3222



156.5000, 1.2325, -68.8445



93.0980, -2.0203, -5.3479



98.0410, -33.0512, -85.9820



20.0550, -6.9291, -17.5882

Inverse Universe

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



124.1120, 24.1018, 63.0458



142.8880, 37.5232, 98.3222



117.5000, -1.2325, 68.8445



90.9020, 2.0203, 5.3479



62.8450, 32.6144, 86.0819



12.9450, 6.9291, 17.5882

Previews

White Background



This preview shows how the YUV color 149.8880, -24.1018, -63.0458 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 149.8880, -24.1018, -63.0458 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 149.8880, -24.1018, -63.0458 Background



This preview shows how black text looks on a background with the YUV color 149.8880, -24.1018, -63.0458.



This preview shows how white text looks on a background with the YUV color 149.8880, -24.1018, -63.0458.

-63.0458.

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

149.8880, -24.1018, -63.0458

Protanopia

168.3760, -37.1604, 18.9642

Deuteranopia

170.8860, -30.5098, 32.5490



Tritanopia

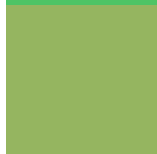
162.7900, 18.3445, -50.6818

Trichromacy



Original Color

149.8880, -24.1018, -63.0458



Protanomaly

161.7420, -32.4108, -11.1747



Deuteranomaly

163.5350, -28.3648, -2.2232



Tritanomaly

158.0440, 2.9363, -55.2896

Monochromacy



Original Color

149.8880, -24.1018, -63.0458



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

150.1530, -8.9494, -22.9362

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.8880, -24.1018, -63.0458 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(78, 196, 101)` looks like.

```
.text, #text, p{  
    color:rgb(78, 196, 101)  
}
```

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(78, 196, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 196, 101) }
```

Border

The CSS property to change the border of an element to YUV 149.8880, -24.1018, -63.0458 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(78, 196, 101) }
```


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

```
.border{ border-color:rgb(78, 196, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 196, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 196, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 196, 101);  
box-shadow:4px 4px 4px 4px rgb(78, 196,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 149.8880, -24.1018, -63.0458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 196, 101) }
```

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

```
.background{ background-color: rgb(78, 196,  
101) }
```

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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