

Converting Colors

YUV(141.4950, -17.9920,
-62.7011)

Have a look what the booklet for
YUV(141.4950, -17.9920, -62.7011)
contains.

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Color

**YUV(141.4950, -17.9920,
-62.7011)**

Conversions

Conversions Part 1

Format	Color
Hex	46B969
RGB	70, 185, 105
RGB Percent	27%, 73%, 41%
CMY	0.7255, 0.2745, 0.5882
CMYK	0.62, 0.00, 0.43, 0.27
HSL	138°, 45%, 50%
HSV	138°, 62%, 73%
XYZ	22.4246, 37.0199, 19.3283
YIQ	141.4950, -42.8600, -49.2600

Conversions

Conversions Part 2

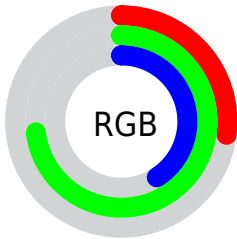
Format	Color
RYB	70, 158, 185
Decimal	4634985
CIELab	67.29, -50.06, 31.20
CIELCh	67, 58.989, 148.063
Yxy	37.0199, 0.2847, 0.4700
Android (android.graphics.Color)	4282825065 (0xFF46B969)
YUV	141.4950, -17.9920, -62.7011
Hunter-Lab	60.8440, -40.6894, 23.7562

Details

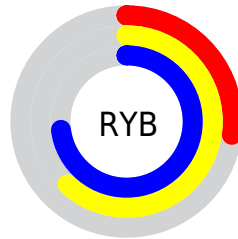
The YUV color **141.4950, -17.9920, -62.7011** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **113.5050, 17.9920, 62.7011**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.5230, -20.4708, -60.9717**, and **83.2810, -13.4495, -73.0374** is the 20% darker color. If you saturate the color by 10%, you get **134.6310, -21.0171, -72.4674**, and if you desaturate by 10%, it is **148.6580, -15.1144, -52.3201**.

Distribution



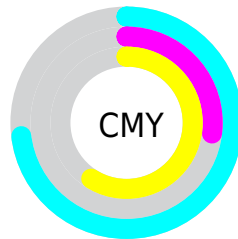
- Red (27%)
- Green (73%)
- Blue (41%)



- Red (27%)
- Yellow (62%)
- Blue (73%)



- Cyan (62%)
- Magenta (0%)
- Yellow (43%)
- Black (27%)



- Cyan (73%)
- Magenta (27%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.4950, -17.9920, -62.7011 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 141.4950, -17.9920, -62.7011 by changing the saturation by 10% instead.

■ 141.4950,
-17.9920, -62.7011

■ 141.4950,
-17.9920, -62.7011

■ 255.0000, 0.0000,
0.0000

■ 112.3310,
-15.9392, -67.8193

■ 198.5230,
-20.4708, -60.9717

■ 83.2810, -13.4495,
-73.0374

■ 217.9030,
-16.7142, -52.5349

■ 65.2830, -16.4085,
-57.2532

■ 229.7660, -8.7586,
-37.5058

■ 47.7580, -20.0937,
-41.8838

■ 242.0420, -0.5137,
-21.9618

■ 32.2850, -15.9165,
-28.3139

■ 252.3090, 1.3267,
-5.5330

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,

0.0000

■ 141.4950,
-17.9920, -62.7011

■ 141.4950,
-17.9920, -62.7011

■ 134.6310,
-21.0171, -72.4674

■ 148.6580,
-15.1144, -52.3201

■ 127.4680,
-23.8947, -82.8484

■ 155.5220,
-12.0893, -42.5538

■ 120.3050,
-26.7724, -93.2295

■ 162.6850, -9.2117,
-32.1727

■ 114.9790,
-29.0766, -100.8366

■ 169.4350, -6.6235,
-22.3065

■ 176.5980, -3.7458,
-11.9254

■ 183.4620, -0.7208,
-2.1592

■ 190.6250, 2.1569,
8.2219

■ 197.4890, 5.1819,
17.9881

■ 204.6520, 8.0596,
28.3692

Harmonies

Analogous

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



152.6640, -44.2044, -8.4753



141.4950, -17.9920, -62.7011



129.0690, 14.7560, -113.1935

Triad

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



141.4950, -17.9920, -62.7011



129.4470, 61.8976, -113.5250



160.6100, -21.4997, 82.7800

Complementary

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



141.4950, -17.9920, -62.7011



113.5050, 17.9920, 62.7011

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.



163.7170, 3.0975, 80.0552



141.4950, -17.9920, -62.7011



165.2480, 44.2477, -5.4795

Square

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



141.4950, -17.9920, -62.7011



136.2630, 57.5513, -119.5027



168.1920, 26.0343, 49.8206



161.0660, -43.4165, 65.7171

Rectangle

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



141.4950, -17.9920, -62.7011



133.7600, 30.1913, -117.3075



168.1920, 26.0343, 49.8206



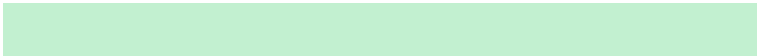
160.2000, -12.9166, 83.1396

Sweetspot

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



141.4950, -17.9920, -62.7011



222.5980, -7.1968, -25.0804



161.7240, -45.2199, -9.4049



109.4620, -4.1718, -15.3142



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



141.4950, -17.9920, -62.7011



171.9300, -28.0665, -98.1626



147.9930, 6.9055, -68.3999



88.5110, -1.7309, -4.8331



96.9300, -24.6155, -85.0076



17.4620, -4.1718, -15.3142

Inverse Universe

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



113.5050, 17.9920, 62.7011



128.0700, 28.0665, 98.1626



107.0070, -6.9055, 68.3999



86.3750, 1.2941, 4.9331



58.9560, 24.1787, 85.1076



10.6520, 4.6086, 15.2142

Previews

White Background



This preview shows how the YUV color 141.4950, -17.9920, -62.7011 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 141.4950, -17.9920, -62.7011 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 141.4950, -17.9920, -62.7011 Background



This preview shows how black text looks on a background with the YUV color 141.4950, -17.9920, -62.7011.



This preview shows how white text looks on a background with the YUV color 141.4950, -17.9920, -62.7011.

-62.7011.

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

141.4950, -17.9920, -62.7011

Protanopia

159.9610, -31.0398, 15.8202

Deuteranopia

162.3460, -24.8206, 27.7606



Tritanopia

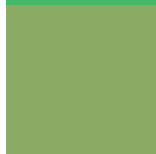
152.6760, 17.9077, -50.5819

Trichromacy



Original Color

141.4950, -17.9920, -62.7011



Protanomaly

153.3380, -26.2956, -12.5744



Deuteranomaly

155.0060, -22.6810, -5.2673



Tritanomaly

148.7990, 4.5361, -55.0747

Monochromacy



Original Color

141.4950, -17.9920, -62.7011



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

141.1360, -6.4760, -22.9213

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.4950, -17.9920, -62.7011 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, 185, 105)` looks like.

```
.text, #text, p{  
    color:rgb(70, 185, 105)  
}
```

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, 185, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 185, 105) }
```

Border

The CSS property to change the border of an element to YUV 141.4950, -17.9920, -62.7011 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, 185, 105) }
```


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

```
.border{ border-color:rgb(70, 185, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 185, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 185, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 185, 105);  
box-shadow:4px 4px 4px 4px rgb(70, 185,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 141.4950, -17.9920, -62.7011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 185, 105) }
```

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

```
.background{ background-color: rgb(70, 185,  
105) }
```

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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