

Converting Colors

YUV(140.6310, -54.0481,
22.2486)

Have a look what the booklet for
YUV(140.6310, -54.0481, 22.2486)
contains.

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Color

**YUV(140.6310, -54.0481,
22.2486)**

Conversions

Conversions Part 1

Format	Color
Hex	A6951F
RGB	166, 149, 31
RGB Percent	65%, 58%, 12%
CMY	0.3490, 0.4157, 0.8784
CMYK	0.00, 0.10, 0.81, 0.35
HSL	52°, 69%, 39%
HSV	52°, 81%, 65%
XYZ	26.7207, 29.7008, 5.6208
YIQ	140.6310, 48.0100, -33.0940

Conversions

Conversions Part 2

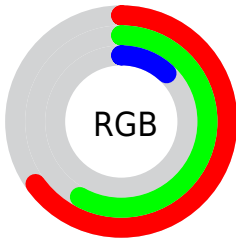
Format	Color
RYB	50, 166, 31
Decimal	10917151
CIELab	61.40, -6.05, 58.97
CIELCh	61, 59.281, 95.861
Yxy	29.7008, 0.4307, 0.4787
Android (android.graphics.Color)	4289107231 (0xFFA6951F)
YUV	140.6310, -54.0481, 22.2486
Hunter-Lab	54.4985, -7.8535, 32.0339

Details

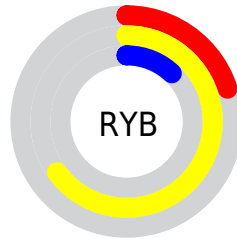
The YUV color **140.6310, -54.0481, 22.2486** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **56.3690, 54.0481, -22.2486**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.0550, -53.7641, 24.5078**, and **91.0030, -44.8645, 16.6604** is the 20% darker color. If you saturate the color by 10%, you get **137.5190, -60.8949, 24.9778**, and if you desaturate by 10%, it is **143.7430, -47.2013, 19.5194**.

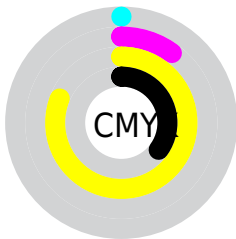
Distribution



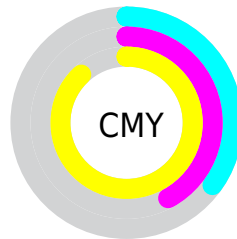
- Red (65%)
- Green (58%)
- Blue (12%)



- Red (20%)
- Yellow (65%)
- Blue (12%)



- Cyan (0%)
- Magenta (10%)
- Yellow (81%)
- Black (35%)



- Cyan (35%)
- Magenta (42%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.6310, -54.0481, 22.2486 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 140.6310, -54.0481, 22.2486 by changing the saturation by 10% instead.

■ 140.6310,
-54.0481, 22.2486

■ 140.6310,
-54.0481, 22.2486

■ 255.0000, 0.0000,
0.0000

■ 113.4630,
-55.9373, 21.5189

■ 196.0550,
-53.7641, 24.5078

■ 91.0030, -44.8645,
16.6604

■ 224.5390,
-54.4957, 25.8373

■ 68.8420, -33.9391,
12.4166

■ 242.0040,
-49.7950, 11.3975

■ 48.1540, -23.7399,
7.7579

■ 245.1960,
-37.5646, 8.5981

■ 28.3520, -13.9775,
3.1993

■ 248.3880,
-25.3343, 5.7987

■ 5.8700, -2.8939,
-5.1480

■ 251.5800,

■ 0.0000, 0.0000,

-13.1039, 2.9993

0.0000

■ 140.6310,
-54.0481, 22.2486

■ 140.6310,
-54.0481, 22.2486

■ 137.5190,
-60.8949, 24.9778

■ 143.7430,
-47.2013, 19.5194

■ 134.7490,
-66.4313, 27.4071

■ 146.7410,
-40.7913, 16.8901

■ 149.8530,
-33.9445, 14.1609

■ 152.8510,
-27.5345, 11.5317

■ 155.9630,
-20.6878, 8.8024

■ 159.6620,
-14.1304, 5.5584

■ 162.6600, -7.7204,
2.9292

■ 165.7720, -0.8736,
0.2000

■ 168.7700, 5.5364,
-2.4293

Harmonies

Analogous

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



144.3870, -47.0258, 56.6656



140.6310, -54.0481, 22.2486



135.3680, -38.6354, -21.3707

Triad

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



140.6310, -54.0481, 22.2486



124.6760, 41.0787, -109.3409



151.0640, 20.1814, 60.4569

Complementary

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



140.6310, -54.0481, 22.2486



56.3690, 54.0481, -22.2486

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.



152.0220, 40.4152, 10.5047



140.6310, -54.0481, 22.2486



124.6710, 58.8292, -109.3365

Square

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



140.6310, -54.0481, 22.2486



119.4490, 18.5126, -104.7568



130.6350, 60.3259, -75.9789



146.1430, -3.0285, 84.9436

Rectangle

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



140.6310, -54.0481, 22.2486



125.7620, -19.6027, -59.4273



130.6350, 60.3259, -75.9789



152.5120, 27.3556, 46.0320

Sweetspot

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



140.6310, -54.0481, 22.2486



206.9630, -20.6878, 8.8024



73.4170, -12.0376, 81.1953



104.0040, -12.8200, 5.2585



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



140.6310, -54.0481, 22.2486



176.8690, -85.2244, 35.1949



135.6600, -51.5974, -17.2418



82.5010, -3.2050, 1.3146



119.9750, -59.1477, 24.5779



16.5460, -8.1572, 3.0292

Inverse Universe

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



56.3690, 54.0481, -22.2486



44.1310, 85.2244, -35.1949



61.0410, 51.7448, 16.6270



77.4990, 3.2050, -1.3146



28.0250, 59.1477, -24.5779



4.0410, 7.8678, -3.5440

Previews

White Background



This preview shows how the YUV color 140.6310, -54.0481, 22.2486 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 140.6310, -54.0481, 22.2486 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 140.6310, -54.0481, 22.2486

Background



This preview shows how black text looks on a background with the YUV color 140.6310, -54.0481, 22.2486.



This preview shows how white text looks on a background with the YUV color 140.6310, -54.0481,

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

140.6310, -54.0481, 22.2486

Protanopia

140.9300, -54.1955, 22.8634

Deuteranopia

142.6700, -53.0813, 38.8774



Tritanopia

150.7190, -0.3545, 20.4174

Trichromacy



Original Color

140.6310, -54.0481, 22.2486

Protanomaly

140.9300, -54.1955, 22.8634

Deuteranomaly

141.9250, -53.2070, 32.5148

Tritanomaly

147.2680, -19.8521, 20.8130

Monochromacy



Original Color

140.6310, -54.0481, 22.2486

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.8920, -19.6668, 7.9877

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.6310, -54.0481, 22.2486 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(166, 149, 31)` looks like.

```
.text, #text, p{  
    color:rgb(166, 149, 31)  
}
```

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(166, 149, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 149, 31) }
```

Border

The CSS property to change the border of an element to YUV 140.6310, -54.0481, 22.2486 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(166, 149, 31) }
```


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

```
.border{ border-color:rgb(166, 149, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 149, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 149, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 149, 31);  
box-shadow:4px 4px 4px 4px rgb(166, 149,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 140.6310, -54.0481, 22.2486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 149, 31) }
```

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

```
.background{ background-color: rgb(166,  
149, 31) }
```

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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