

Converting Colors

YUV(140.0110, -64.0954,
-21.9346)

Have a look what the booklet for
YUV(140.0110, -64.0954, -21.9346)
contains.

YUV(140.0110, -64.0954, -21.9346)	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(140.0110, -64.0954,
-21.9346)**

Conversions

Conversions Part 1

Format	Color
Hex	73B20A
RGB	115, 178, 10
RGB Percent	45%, 70%, 4%
CMY	0.5490, 0.3020, 0.9608
CMYK	0.35, 0.00, 0.94, 0.30
HSL	82°, 89%, 37%
HSV	82°, 94%, 70%
XYZ	23.0454, 35.5075, 5.9262
YIQ	140.0110, 16.3800, -65.6040

Conversions

Conversions Part 2

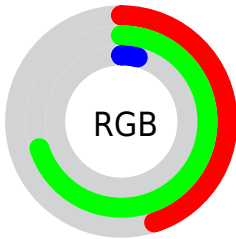
Format	Color
RYB	10, 178, 73
Decimal	7582218
CIELab	66.14, -42.28, 65.83
CIELCh	66, 78.237, 122.709
Yxy	35.5075, 0.3574, 0.5507
Android (android.graphics.Color)	4285772298 (0xFF73B20A)
YUV	140.0110, -64.0954, -21.9346
Hunter-Lab	59.5882, -35.2455, 35.8152

Details

The YUV color **140.0110, -64.0954, -21.9346** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **47.9890, 64.0954, 21.9346**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.9060, -58.1277, -22.7196**, and **90.7170, -44.7235, -28.6928** is the 20% darker color. If you saturate the color by 10%, you get **137.6750, -67.8738, -23.3940**, and if you desaturate by 10%, it is **144.1560, -57.2649, -19.4308**.

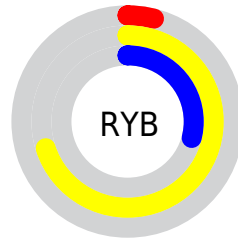
Distribution



Red (45%)

Green (70%)

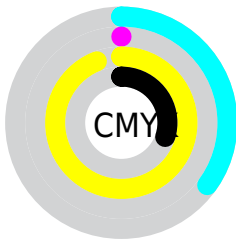
Blue (4%)



Red (4%)

Yellow (70%)

Blue (29%)

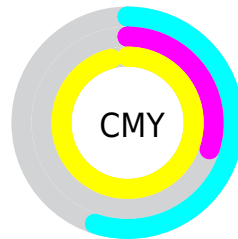


Cyan (35%)

Magenta (0%)

Yellow (94%)

Black (30%)



Cyan (55%)

Magenta (30%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.0110, -64.0954, -21.9346 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 140.0110, -64.0954, -21.9346 by changing the saturation by 10% instead.

■ 140.0110,
-64.0954, -21.9346

■ 140.0110,
-64.0954, -21.9346

■ 255.0000, 0.0000,
0.0000

■ 114.6500,
-56.5224, -24.2491

■ 197.9060,
-58.1277, -22.7196

■ 90.7170, -44.7235,
-28.6928

■ 222.0960,
-56.2493, -18.5012

■ 65.8870, -32.4823,
-34.9809

■ 234.2580,
-48.4412, -2.8573

■ 44.0250, -21.7043,
-38.6099

■ 244.6260,
-39.7486, 9.0980

■ 29.9370, -14.7589,
-26.2547

■ 247.9320,
-27.0815, 6.1986

■ 17.6100, -8.6817,
-15.4440

■ 251.2380,

■ 0.0000, 0.0000,

-14.4143, 3.2993

0.0000

254.5440, -1.7472,
0.3999

■ 140.0110,
-64.0954, -21.9346

■ 140.0110,
-64.0954, -21.9346

■ 137.6750,
-67.8738, -23.3940

■ 144.1560,
-57.2649, -19.4308

■ 148.0020,
-50.2870, -17.5418

■ 152.0330,
-43.8933, -14.9379

■ 156.1780,
-37.0628, -12.4341

■ 160.0240,
-30.0848, -10.5450

■ 164.1690,
-23.2543, -8.0412

■ 168.3140,
-16.4238, -5.5374

■ 172.0460, -9.8827,
-3.5483

■ 176.1910, -3.0522,
-1.0445

Harmonies

Analogous

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



149.8330, -73.8677, 32.5955



140.0110, -64.0954, -21.9346



120.8440, -14.2201, -105.9802

Triad

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



140.0110, -64.0954, -21.9346



137.0780, 58.1355, -120.2174



142.8640, 6.9690, 98.3433

Complementary

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



140.0110, -64.0954, -21.9346



47.9890, 64.0954, 21.9346

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.



161.2630, 31.9153, 76.9453



140.0110, -64.0954, -21.9346



127.0990, 63.0552, -111.4658

Square

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



140.0110, -64.0954, -21.9346



139.4940, 47.0845, -122.3362



160.2970, 46.6886, 5.0015



145.0910, -27.6529, 96.3902

Rectangle

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



140.0110, -64.0954, -21.9346



128.1910, 6.3148, -112.4235



160.2970, 46.6886, 5.0015



147.3610, 16.5840, 94.3994

Sweetspot

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



140.0110, -64.0954, -21.9346



217.4140, -24.8541, -8.2561



96.6260, -42.7066, 71.3650



107.9550, -15.2608, -5.2225



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



140.0110, -64.0954, -21.9346



179.5390, -88.5127, -30.2907



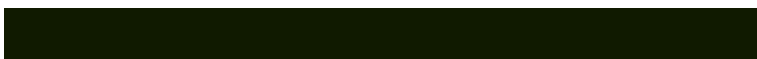
115.1940, -51.8606, -72.9611



87.0770, -3.4890, -0.9445



118.5150, -58.4279, -19.7457



20.0460, -9.8827, -3.5483

Inverse Universe

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



47.9890, 64.0954, 21.9346



52.4610, 88.5127, 30.2907



72.8060, 51.8606, 72.9611



82.2220, 3.3416, 1.5593



34.4850, 58.4279, 19.7457



5.9540, 9.8827, 3.5483

Previews

White Background



This preview shows how the YUV color 140.0110, -64.0954, -21.9346 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 140.0110, -64.0954, -21.9346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

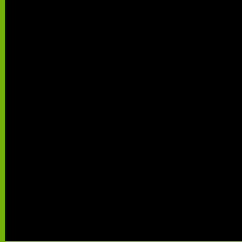
Any Text WCAG AA ✓ Pass

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 140.0110, -64.0954, -21.9346 Background



This preview shows how black text looks on a background with the YUV color 140.0110, -64.0954, -21.9346.



This preview shows how white text looks on a background with the YUV color 140.0110, -64.0954, -21.9346.

-21.9346.

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

140.0110, -64.0954, -21.9346

Protanopia

148.0390, -72.9832, 28.9068

Deuteranopia

153.7260, -58.0389, 42.3363



Tritanopia

157.3270, 10.6848, -20.4578

Trichromacy



Original Color

140.0110, -64.0954, -21.9346

Protanomaly

145.4280, -69.7240, 10.1486

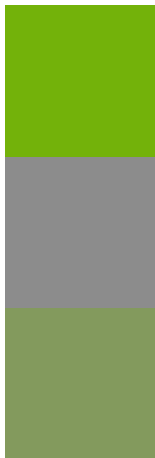
Deuteranomaly

148.4150, -59.8576, 18.9300

Tritanomaly

151.2150, -16.3750, -21.2366

Monochromacy



Original Color

140.0110, -64.0954, -21.9346

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.1690, -23.2543, -8.0412

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.0110, -64.0954, -21.9346 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(115, 178, 10)` looks like.

```
.text, #text, p{  
    color:rgb(115, 178, 10)  
}
```

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(115, 178, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 178, 10) }
```

Border

The CSS property to change the border of an element to YUV 140.0110, -64.0954, -21.9346 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(115, 178, 10) }
```


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

```
.border{ border-color:rgb(115, 178, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 178, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 178, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 178, 10);  
box-shadow:4px 4px 4px 4px rgb(115, 178,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 140.0110, -64.0954, -21.9346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 178, 10) }
```

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

```
.background{ background-color: rgb(115,  
178, 10) }
```

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