

Converting Colors

YUV(140.1950, 37.8649,
-11.5720)

Have a look what the booklet for
YUV(140.1950, 37.8649, -11.5720)
contains.

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Color

**YUV(140.1950, 37.8649,
-11.5720)**

Conversions

Conversions Part 1

Format	Color
Hex	7F84D9
RGB	127, 132, 217
RGB Percent	50%, 52%, 85%
CMY	0.5020, 0.4824, 0.1490
CMYK	0.41, 0.39, 0.00, 0.15
HSL	237°, 54%, 67%
HSV	237°, 41%, 85%
XYZ	29.5280, 26.0243, 69.1125
YIQ	140.1950, -30.2650, 25.3750

Conversions

Conversions Part 2

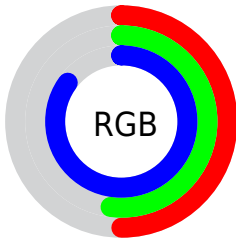
Format	Color
RYB	127, 132, 217
Decimal	8357081
CIELab	58.06, 19.41, -44.19
CIElCh	58, 48.268, 293.716
Yxy	26.0243, 0.2369, 0.2088
Android (android.graphics.Color)	4286547161 (0xFF7F84D9)
YUV	140.1950, 37.8649, -11.5720
Hunter-Lab	51.0140, 14.0452, -44.6148

Details

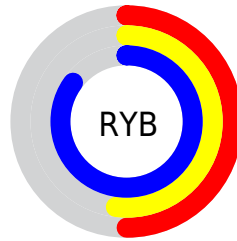
The YUV color **140.1950, 37.8649, -11.5720** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **203.8050, -37.8649, 11.5720**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.3820, 30.8707, -8.2280**, and **88.7170, 36.1285, -14.6608** is the 20% darker color. If you saturate the color by 10%, you get **121.8770, 46.8956, -14.8011**, and if you desaturate by 10%, it is **158.5130, 28.8341, -8.3429**.

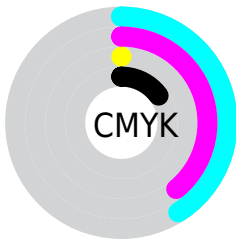
Distribution



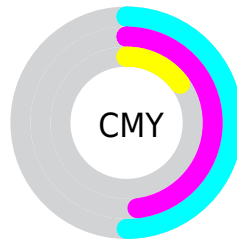
- Red (50%)
- Green (52%)
- Blue (85%)



- Red (50%)
- Yellow (52%)
- Blue (85%)



- Cyan (41%)
- Magenta (39%)
- Yellow (0%)
- Black (15%)



- Cyan (50%)
- Magenta (48%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.1950, 37.8649, -11.5720 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 140.1950, 37.8649, -11.5720 by changing the saturation by 10% instead.

■ 140.1950, 37.8649,
-11.5720

■ 140.1950, 37.8649,
-11.5720

255.0000, 0.0000,
0.0000

■ 114.2550, 36.8493,
-12.5016

■ 192.3820, 30.8707,
-8.2280

■ 88.7170, 36.1285,
-14.6608

■ 217.4890, 18.4929,
-4.8139

■ 63.4670, 35.2658,
-17.9496

■ 242.5960, 6.1152,
-1.3997

■ 35.0310, 36.4667,
-29.8452

■ 20.7290, 31.1926,
-18.1793

■ 6.9540, 26.6447,
-6.0987

■ 5.5060, 16.0195,

-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 140.1950, 37.8649,
-11.5720

■ 140.1950, 37.8649,
-11.5720

■ 121.8770, 46.8956,
-14.8011

■ 158.5130, 28.8341,
-8.3429

■ 103.2710, 56.0684,
-16.9007

■ 177.1190, 19.6613,
-6.2434

■ 84.9530, 65.0992,
-20.1298

■ 195.4370, 10.6306,
-3.0142

■ 66.0480, 74.4193,
-22.8441

■ 214.3420, 1.3104,
-0.2999

■ 48.0290, 83.3027,
-25.4584

■ 232.3610, -7.5730,
2.3144

■ 31.7820, 91.3125,
-27.8728

■ 250.6680,
-16.5983, 3.7992

Harmonies

Analogous

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



111.7110, 54.8655, -97.9705



140.1950, 37.8649, -11.5720



143.8820, 22.7362, 34.3065

Triad

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



140.1950, 37.8649, -11.5720



137.8720, -32.4749, 56.2403



108.6260, 10.0444, -95.2650

Complementary

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



140.1950, 37.8649, -11.5720



203.8050, -37.8649, 11.5720

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.



124.8120, -18.6413, -41.0541



140.1950, 37.8649, -11.5720



135.7150, -41.2715, 30.9449

Square

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



140.1950, 37.8649, -11.5720



138.8300, -15.1992, 68.5551



131.7710, -36.3691, -1.5532



113.5280, 28.8267, -99.5641

Rectangle

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



140.1950, 37.8649, -11.5720



142.2130, 10.7410, 55.0642



131.7710, -36.3691, -1.5532



106.3290, 3.7818, -93.2505

Sweetspot

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



140.1950, 37.8649, -11.5720



228.7080, 12.9620, -4.1289



189.4060, 10.6458, -54.7301



112.6390, 7.5730, -2.3144



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.



140.1950, 37.8649, -11.5720



146.5870, 53.4476, -16.3008



148.9210, 33.5629, 14.9783



100.2540, 4.8048, -1.0998



25.5920, 72.6721, -22.4442



7.0050, 19.2245, -6.1434

Inverse Universe

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



154.4800, -11.0826, 54.8300



166.7710, -15.6631, 77.3768



195.0790, -33.5629, -14.9783



102.2890, -1.6215, 6.7625



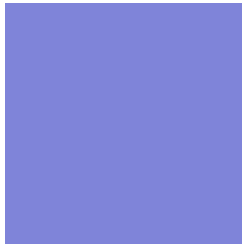
52.8670, -21.1334, 105.3566



14.0960, -5.4703, 27.9798

Previews

White Background



This preview shows how the YUV color 140.1950, 37.8649, -11.5720 looks on a white background.

Color Contrast Check

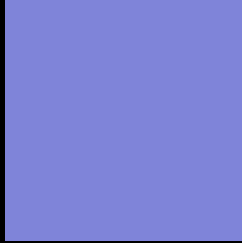
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.1950, 37.8649, -11.5720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

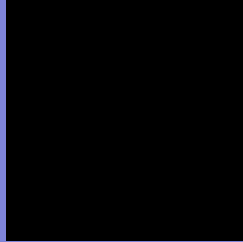
Any Text WCAG AA ✓ Pass

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 140.1950, 37.8649, -11.5720 Background



This preview shows how black text looks on a background with the YUV color 140.1950, 37.8649, -11.5720.



This preview shows how white text looks on a background with the YUV color 140.1950, 37.8649, -11.5720.

-11.5720.

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

140.1950, 37.8649, -11.5720

Protanopia

137.6060, 41.1132, -26.8415

Deuteranopia

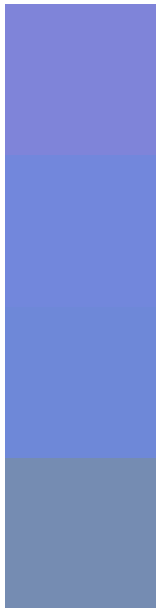
136.0030, 38.9455, -31.5746



Tritanopia

136.3870, 9.6692, -21.3874

Trichromacy



Original Color

140.1950, 37.8649, -11.5720

Protanomaly

138.4110, 40.2234, -21.4084

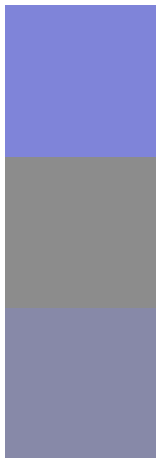
Deuteranomaly

137.3460, 38.7764, -23.9824

Tritanomaly

137.4550, 19.9887, -17.9390

Monochromacy



Original Color

140.1950, 37.8649, -11.5720

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.9360, 13.8356, -4.3289

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.1950, 37.8649, -11.5720 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(127, 132, 217)` looks like.

```
.text, #text, p{  
    color:rgb(127, 132, 217)  
}
```

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(127, 132, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 132, 217) }
```

Border

The CSS property to change the border of an element to YUV 140.1950, 37.8649, -11.5720 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(127, 132, 217) }
```


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

```
.border{ border-color:rgb(127, 132, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 132, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 132, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 132, 217); box-shadow:4px 4px 4px 4px rgb(127, 132, 217) }
```

Background

The CSS property to change the background color of an element to YUV 140.1950, 37.8649, -11.5720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 132, 217) }
```

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

```
.background{ background-color: rgb(127,  
132, 217) }
```

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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