

Converting Colors

YUV(137.9980, 30.0740,
14.0338)

Have a look what the booklet for
YUV(137.9980, 30.0740, 14.0338)
contains.

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Color

**YUV(137.9980, 30.0740,
14.0338)**

Conversions

Conversions Part 1

Format	Color
Hex	9A76C7
RGB	154, 118, 199
RGB Percent	60%, 46%, 78%
CMY	0.3961, 0.5373, 0.2196
CMYK	0.23, 0.41, 0.00, 0.22
HSL	267°, 42%, 62%
HSV	267°, 41%, 78%
XYZ	30.1137, 23.9504, 57.0686
YIQ	137.9980, -4.5450, 32.8230

Conversions

Conversions Part 2

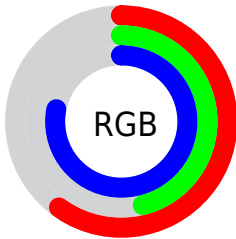
Format	Color
RYB	154, 118, 199
Decimal	10122951
CIELab	56.04, 30.35, -37.05
CIELCh	56, 47.895, 309.326
Yxy	23.9504, 0.2710, 0.2155
Android (android.graphics.Color)	4288313031 (0xFF9A76C7)
YUV	137.9980, 30.0740, 14.0338
Hunter-Lab	48.9392, 24.1926, -34.8814

Details

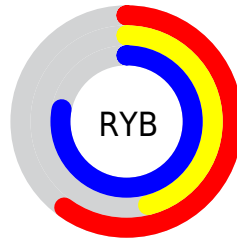
The YUV color **137.9980, 30.0740, 14.0338** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **179.0020, -30.0740, -14.0338**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.2370, 30.9422, 15.5782**, and **87.2320, 28.4796, 12.0745** is the 20% darker color. If you saturate the color by 10%, you get **122.9690, 37.4833, 17.5672**, and if you desaturate by 10%, it is **153.0270, 22.6647, 10.5003**.

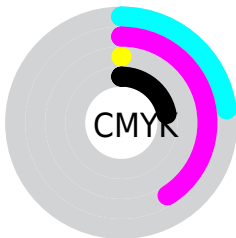
Distribution



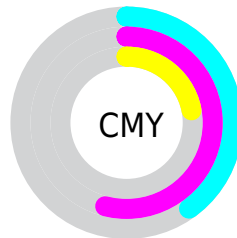
- Red (60%)
- Green (46%)
- Blue (78%)



- Red (60%)
- Yellow (46%)
- Blue (78%)



- Cyan (23%)
- Magenta (41%)
- Yellow (0%)
- Black (22%)



- Cyan (40%)
- Magenta (54%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.9980, 30.0740, 14.0338 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 137.9980, 30.0740, 14.0338 by changing the saturation by 10% instead.

■ 137.9980, 30.0740,
14.0338

■ 137.9980, 30.0740,
14.0338

■ 255.0000, 0.0000,
0.0000

■ 112.0580, 29.0584,
13.1041

■ 192.2370, 30.9422,
15.5782

■ 87.2320, 28.4796,
12.0745

■ 216.7570, 18.8538,
19.5071

■ 62.9930, 27.6115,
10.5301

■ 237.9770, 8.3923,
14.9292

■ 39.1670, 27.0327,
9.5005

■ 15.9280, 26.1645,
7.9561

■ 5.3580, 20.5295,
-4.6990

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 137.9980, 30.0740,
14.0338

■ 137.9980, 30.0740,
14.0338

■ 122.9690, 37.4833,
17.5672

■ 153.0270, 22.6647,
10.5003

■ 107.9400, 44.8926,
21.1006

■ 168.0560, 15.2554,
6.9669

■ 92.9110, 52.3019,
24.6341

■ 183.0850, 7.8461,
3.4335

■ 77.8820, 59.7112,
28.1675

■ 198.1140, 0.4368,
-0.1000

■ 63.4400, 66.8311,
31.1861

■ 213.1430, -6.9725,
-3.6334

48.9980, 73.9510,
34.2048

227.5850,
-14.0924, -6.6520

241.4400,
-20.9229, -9.1559

244.7290,
-22.5444, -2.3933

248.3170,
-24.3133, 4.9840

Harmonies

Analogous

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



127.8000, 43.4826, -40.1666



137.9980, 30.0740, 14.0338



137.5760, 13.5200, 50.3608

Triad

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



137.9980, 30.0740, 14.0338



132.0030, -37.9625, 42.9704



107.6290, 18.9169, -94.3906

Complementary

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



137.9980, 30.0740, 14.0338



179.0020, -30.0740, -14.0338

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.



109.3270, -3.1192, -73.0778



137.9980, 30.0740, 14.0338



128.5450, -40.2017, 14.4310

Square

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



137.9980, 30.0740, 14.0338



133.0930, -24.2028, 63.0624



123.8270, -28.0157, -20.8963



111.0150, 36.9676, -97.3602

Rectangle

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



137.9980, 30.0740, 14.0338



135.6350, 0.6729, 64.3411



123.8270, -28.0157, -20.8963



106.0330, 12.8017, -92.9909

Sweetspot

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



137.9980, 30.0740, 14.0338



231.7200, 11.4770, 5.5076



154.2360, 22.0687, -31.7790



114.4440, 6.6831, 3.1186



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.



137.9980, 30.0740, 14.0338



160.9940, 46.3450, 21.9303



149.9580, 24.1777, 38.6248



92.2220, 3.3416, 1.5593



40.4090, 60.4374, 28.5823



8.8880, 13.3662, 6.2372

Inverse Universe

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



147.3490, 7.7159, 45.2979



175.2410, 11.7132, 69.9486



167.0420, -24.1777, -38.6248



93.2610, 0.8573, 5.0331



59.1110, 15.7213, 91.1107



13.0440, 3.4293, 20.1324

Previews

White Background



This preview shows how the YUV color 137.9980, 30.0740, 14.0338 looks on a white background.

Color Contrast Check

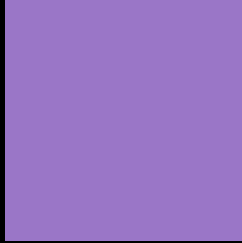
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.9980, 30.0740, 14.0338 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 137.9980, 30.0740, 14.0338

Background



This preview shows how black text looks on a background with the YUV color 137.9980, 30.0740, 14.0338.



This preview shows how white text looks on a background with the YUV color 137.9980, 30.0740,

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

137.9980, 30.0740, 14.0338

Protanopia

132.9330, 38.4870, -24.4972

Deuteranopia

133.0060, 31.0560, -21.0533



Tritanopia

136.0270, 2.4517, 6.9923

Trichromacy



Original Color

137.9980, 30.0740, 14.0338

Protanomaly

134.9240, 35.5335, -10.4573

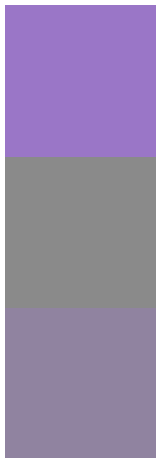
Deuteranomaly

134.9690, 30.5813, -8.7428

Tritanomaly

136.6820, 12.4818, 9.9259

Monochromacy



Original Color

137.9980, 30.0740, 14.0338

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.1930, 10.7509, 5.0927

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.9980, 30.0740, 14.0338 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(154, 118, 199)` looks like.

```
.text, #text, p{  
    color:rgb(154, 118, 199)  
}
```

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(154, 118, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 118, 199) }
```

Border

The CSS property to change the border of an element to YUV 137.9980, 30.0740, 14.0338 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(154, 118, 199) }
```


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

```
.border{ border-color:rgb(154, 118, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 118, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 118, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 118, 199);  
box-shadow:4px 4px 4px 4px rgb(154, 118,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 137.9980, 30.0740, 14.0338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 118, 199) }
```

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

```
.background{ background-color: rgb(154,  
118, 199) }
```

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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