

Converting Colors

YUV(137.9760, 50.2978,
14.0530)

Have a look what the booklet for
YUV(137.9760, 50.2978, 14.0530)
contains.

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Color

**YUV(137.9760, 50.2978,
14.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6EF0
RGB	154, 110, 240
RGB Percent	60%, 43%, 94%
CMY	0.3961, 0.5686, 0.0588
CMYK	0.36, 0.54, 0.00, 0.06
HSL	260°, 81%, 69%
HSV	260°, 54%, 94%
XYZ	34.6305, 24.3132, 85.3058
YIQ	137.9760, -15.5060, 49.7580

Conversions

Conversions Part 2

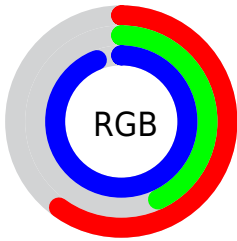
Format	Color
R_{YB}	154, 110, 240
Decimal	10120944
CIE _{Lab}	56.40, 45.05, -59.55
CIE _{LCh}	56, 74.668, 307.108
Yxy	24.3132, 0.2401, 0.1685
Android (android.graphics.Color)	4288311024 (0xFF9A6EF0)
YUV	137.9760, 50.2978, 14.0530
Hunter-Lab	49.3084, 39.0755, -68.0586

Details

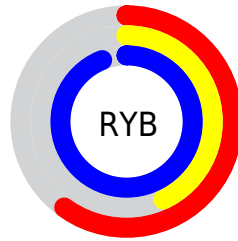
The YUV color **137.9760, 50.2978, 14.0530** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **212.0240, -50.2978, -14.0530**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.1390, 32.9625, 20.9261**, and **85.0850, 48.2721, 10.4495** is the 20% darker color. If you saturate the color by 10%, you get **119.1040, 59.6017, 16.5718**, and if you desaturate by 10%, it is **156.8480, 40.9939, 11.5343**.

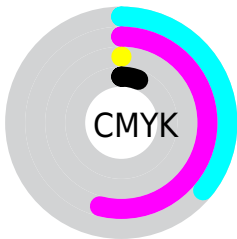
Distribution



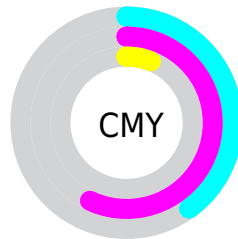
- Red (60%)
- Green (43%)
- Blue (94%)



- Red (60%)
- Yellow (43%)
- Blue (94%)



- Cyan (36%)
- Magenta (54%)
- Yellow (0%)
- Black (6%)



- Cyan (40%)
- Magenta (57%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.9760, 50.2978, 14.0530 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 137.9760, 50.2978, 14.0530 by changing the saturation by 10% instead.

137.9760, 50.2978,
14.0530

137.9760, 50.2978,
14.0530

255.0000, 0.0000,
0.0000

111.3240, 49.1403,
11.9939

188.1390, 32.9625,
20.9261

85.0850, 48.2721,
10.4495

212.9580, 20.7267,
25.4698

59.2480, 47.6987,
7.6755

233.2810, 10.7075,
19.0476

31.3400, 48.1464,
4.0868

250.3040, 2.3151,
4.1184

11.7420, 44.9902,
-10.2977

8.8920, 34.0702,
-7.7983

9.0910, 22.1401,

-7.9728

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 137.9760, 50.2978,
14.0530

■ 137.9760, 50.2978,
14.0530

■ 119.1040, 59.6017,
16.5718

■ 156.8480, 40.9939,
11.5343

■ 100.2320, 68.9056,
19.0905

■ 175.7200, 31.6900,
9.0156

■ 81.3600, 78.2095,
21.6093

■ 194.5920, 22.3861,
6.4968

■ 62.4880, 87.5134,
24.1280

■ 213.4640, 13.0822,
3.9781

■ 51.5790, 92.8916,
25.8022

■ 232.0370, 3.9258,
0.8446

■ 250.9090, -5.3781,
-1.6742

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



110.0760, 71.4475, -96.5367



137.9760, 50.2978, 14.0530



132.0200, 27.1051, 79.7895

Triad

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



137.9760, 50.2978, 14.0530



126.7290, -62.4774, 66.0127



113.3680, 18.0596, -99.4237

Complementary

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



137.9760, 50.2978, 14.0530



212.0240, -50.2978, -14.0530

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.



103.7410, -11.2113, -90.9809



137.9760, 50.2978, 14.0530



125.5570, -61.8996, 20.5595

Square

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



137.9760, 50.2978, 14.0530



124.9620, -32.0263, 99.1343



113.1330, -55.7746, -30.8116



119.9630, 45.8672, -105.2076

Rectangle

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



137.9760, 50.2978, 14.0530



123.4180, 10.1469, 105.7504



113.1330, -55.7746, -30.8116



110.1590, 8.3026, -96.6094

Sweetspot

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



137.9760, 50.2978, 14.0530



222.8600, 15.8450, 4.5078



175.8890, 31.6067, -57.7847



108.2420, 9.7407, 2.4188



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.



137.9760, 50.2978, 14.0530



124.6680, 64.2537, 17.8312



157.1120, 40.8638, 53.3988



110.5640, 4.6519, 1.2594



39.5140, 71.2316, 19.7202



12.0650, 21.6600, 6.0820

Inverse Universe

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



158.6740, 18.4017, 71.3229



151.1740, 23.5782, 91.0554



192.8880, -40.8638, -53.3988



112.5000, 1.7255, 6.5775



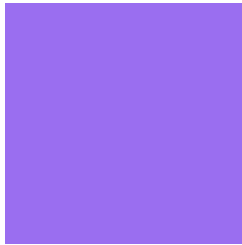
68.8100, 25.7297, 101.0216



20.9620, 7.9067, 30.7283

Previews

White Background



This preview shows how the YUV color 137.9760, 50.2978, 14.0530 looks on a white background.

Color Contrast Check

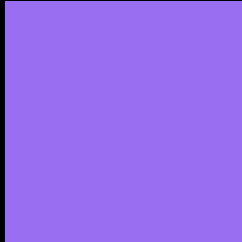
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.9760, 50.2978, 14.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

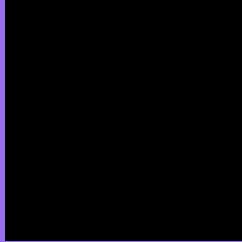
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.9760, 50.2978, 14.0530

Background



This preview shows how black text looks on a background with the YUV color 137.9760, 50.2978, 14.0530.



This preview shows how white text looks on a background with the YUV color 137.9760, 50.2978, 14.0530.

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

137.9760, 50.2978, 14.0530

Protanopia

126.0000, 63.5970, -51.7430

Deuteranopia

124.1380, 54.1620, -58.8800



Tritanopia

135.2540, 4.8048, -1.0998

Trichromacy



Original Color

137.9760, 50.2978, 14.0530



Protanomaly

130.3020, 59.0111, -27.4519



Deuteranomaly

128.9610, 52.7702, -32.4148



Tritanomaly

136.0540, 21.6654, 4.3376

Monochromacy



Original Color

137.9760, 50.2978, 14.0530



Achromatopsia

138.0000, 0.0000, 0.0000



Achromatomaly

138.1420, 18.1710, 5.1375

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.9760, 50.2978, 14.0530 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, 110, 240)` looks like.

```
.text, #text, p{  
    color:rgb(154, 110, 240)  
}
```

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, 110, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 110, 240) }
```

Border

The CSS property to change the border of an element to YUV 137.9760, 50.2978, 14.0530 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, 110, 240) }
```


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

```
.border{ border-color:rgb(154, 110, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 110, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 110, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 110, 240);  
box-shadow:4px 4px 4px 4px rgb(154, 110,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 137.9760, 50.2978, 14.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 110, 240) }
```

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

```
.background{ background-color: rgb(154,  
110, 240) }
```

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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