

Converting Colors

YUV(134.1270, 34.4474,
11.2896)

Have a look what the booklet for
YUV(134.1270, 34.4474, 11.2896)
contains.

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Color

**YUV(134.1270, 34.4474,
11.2896)**

Conversions

Conversions Part 1

Format	Color
Hex	9372CC
RGB	147, 114, 204
RGB Percent	58%, 45%, 80%
CMY	0.4235, 0.5529, 0.2000
CMYK	0.28, 0.44, 0.00, 0.20
HSL	262°, 47%, 62%
HSV	262°, 44%, 80%
XYZ	28.9490, 22.5973, 59.9627
YIQ	134.1270, -9.2220, 34.9860

Conversions

Conversions Part 2

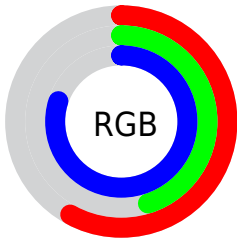
Format	Color
R_{YB}	147, 114, 204
Decimal	9663180
CIE Lab	54.66, 31.86, -42.12
CIE LCh	55, 52.810, 307.109
Yxy	22.5973, 0.2596, 0.2027
Android (android.graphics.Color)	4287853260 (0xFF9372CC)
YUV	134.1270, 34.4474, 11.2896
Hunter-Lab	47.5366, 25.5145, -41.5127

Details

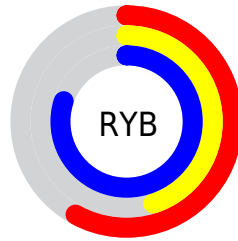
The YUV color $134.1270, 34.4474, 11.2896$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $183.8730, -34.4474, -11.2896$, and the grayscale version is $134.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $187.2090, 33.4210, 13.8487$, and $83.2470, 32.4162, 9.4304$ is the 20% darker color. If you saturate the color by 10%, you get $118.5000, 42.1515, 13.5935$, and if you desaturate by 10%, it is $149.7540, 26.7433, 8.9857$.

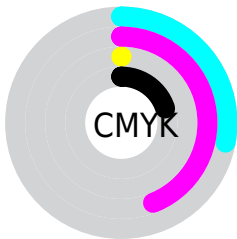
Distribution



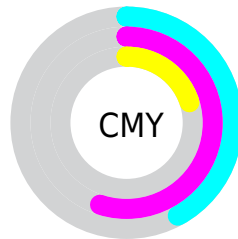
- Red (58%)
- Green (45%)
- Blue (80%)



- Red (58%)
- Yellow (45%)
- Blue (80%)



- Cyan (28%)
- Magenta (44%)
- Yellow (0%)
- Black (20%)



- Cyan (42%)
- Magenta (55%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.1270, 34.4474, 11.2896 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 134.1270, 34.4474, 11.2896 by changing the saturation by 10% instead.

134.1270, 34.4474,
11.2896

134.1270, 34.4474,
11.2896

255.0000, 0.0000,
0.0000

108.1870, 33.4318,
10.3600

187.2090, 33.4210,
13.8487

83.2470, 32.4162,
9.4304

212.3160, 21.0432,
17.2629

58.7090, 31.6955,
7.2712

235.6290, 9.5499,
16.9884

35.1710, 30.9747,
5.1120

252.6520, 1.1576,
2.0592

11.9100, 30.1174,
0.0789

5.7000, 21.8399,
-4.9989

4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 134.1270, 34.4474,
11.2896

■ 134.1270, 34.4474,
11.2896

■ 118.5000, 42.1515,
13.5935

■ 149.7540, 26.7433,
8.9857

■ 102.2860, 50.1450,
16.4122

■ 165.9680, 18.7498,
6.1671

■ 86.6590, 57.8491,
18.7161

■ 181.5950, 11.0457,
3.8632

■ 70.4450, 65.8426,
21.5347

■ 197.8090, 3.0522,
1.0445

■ 54.8180, 73.5467,
23.8386

■ 213.4360, -4.6519,
-1.2594

■ 45.6810, 78.0513,
25.7128

■ 229.0630,
-12.3561, -3.5633

■ 243.8040,
-19.6234, -5.9671

■ 247.6910,
-21.5397, 2.0250

■ 249.1860,
-22.2767, 5.0989

Harmonies

Analogous

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



118.6390, 50.9570, -57.5654



134.1270, 34.4474, 11.2896



132.8090, 16.8562, 53.6645

Triad

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



134.1270, 34.4474, 11.2896



127.2380, -41.0363, 48.9033



105.8850, 17.3117, -92.8611

Complementary

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



134.1270, 34.4474, 11.2896



183.8730, -34.4474, -11.2896

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.



98.6520, -2.7864, -86.5178



134.1270, 34.4474, 11.2896



124.2590, -46.4697, 18.1899

Square

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



134.1270, 34.4474, 11.2896



128.6100, -24.9507, 69.6250



119.2740, -32.6731, -20.4113



109.7270, 37.1096, -96.2306

Rectangle

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



134.1270, 34.4474, 11.2896



130.6510, 3.1301, 69.5891



119.2740, -32.6731, -20.4113



103.4740, 10.6123, -90.7467

Sweetspot

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



134.1270, 34.4474, 11.2896



229.3500, 12.6455, 4.0781



157.7190, 22.8165, -38.3416



111.7860, 7.9935, 2.8187



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.



134.1270, 34.4474, 11.2896



150.0410, 51.7448, 16.6270



147.5820, 27.8141, 38.9546



94.3360, 3.7784, 1.4593



37.1630, 63.5166, 20.9050



8.5180, 14.5346, 4.8077

Inverse Universe

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



147.4080, 11.6309, 49.6312



170.0550, 17.2279, 74.4968



170.4180, -27.8141, -38.9546



95.6740, 1.1467, 5.5479



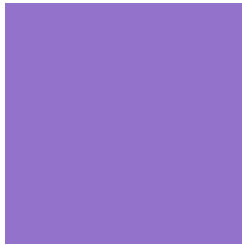
61.6040, 21.3942, 91.5553



14.0980, 4.8817, 20.9621

Previews

White Background



This preview shows how the YUV color 134.1270, 34.4474, 11.2896 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 134.1270, 34.4474, 11.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

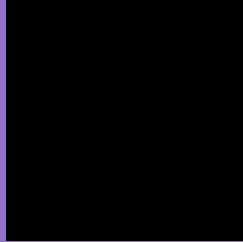
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.1270, 34.4474, 11.2896

Background



This preview shows how black text looks on a background with the YUV color 134.1270, 34.4474, 11.2896.



This preview shows how white text looks on a background with the YUV color 134.1270, 34.4474, 11.2896.

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

134.1270, 34.4474, 11.2896

Protanopia

128.2790, 43.7395, -29.1857

Deuteranopia

128.5150, 35.7351, -28.5157



Tritanopia

131.9340, 3.4835, 2.6889

Trichromacy



Original Color

134.1270, 34.4474, 11.2896

Protanomaly

130.4550, 40.2017, -14.4310

Deuteranomaly

130.7880, 35.1075, -13.8461

Tritanomaly

132.9310, 14.8240, 5.3225

Monochromacy



Original Color

134.1270, 34.4474, 11.2896

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.2360, 12.2087, 4.1780

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.1270, 34.4474, 11.2896 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(147, 114, 204)` looks like.

```
.text, #text, p{  
    color:rgb(147, 114, 204)  
}
```

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(147, 114, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 114, 204) }
```

Border

The CSS property to change the border of an element to YUV 134.1270, 34.4474, 11.2896 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(147, 114, 204) }
```


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

```
.border{ border-color:rgb(147, 114, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 114, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 114, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 114, 204);  
box-shadow:4px 4px 4px 4px rgb(147, 114,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 134.1270, 34.4474, 11.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 114, 204) }
```

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

```
.background{ background-color: rgb(147,  
114, 204) }
```

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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