

Converting Colors

YUV(134.4660, 47.0983,
13.6233)

Have a look what the booklet for
YUV(134.4660, 47.0983, 13.6233)
contains.

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Color

**YUV(134.4660, 47.0983,
13.6233)**

Conversions

Conversions Part 1

Format	Color
Hex	966CE6
RGB	150, 108, 230
RGB Percent	59%, 42%, 90%
CMY	0.4118, 0.5765, 0.0980
CMYK	0.35, 0.53, 0.00, 0.10
HSL	261°, 71%, 66%
HSV	261°, 53%, 90%
XYZ	32.2232, 22.9223, 77.5890
YIQ	134.4660, -14.1300, 46.8460

Conversions

Conversions Part 2

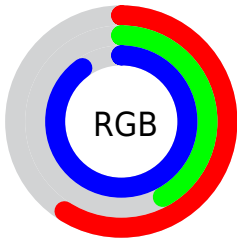
Format	Color
R_{YB}	150, 108, 230
Decimal	9858278
CIE _{Lab}	54.99, 42.64, -56.24
CIE _{LCh}	55, 70.577, 307.170
Yxy	22.9223, 0.2428, 0.1727
Android (android.graphics.Color)	4288048358 (0xFF966CE6)
YUV	134.4660, 47.0983, 13.6233
Hunter-Lab	47.8773, 36.3519, -62.5702

Details

The YUV color **134.4660, 47.0983, 13.6233** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **203.5340, -47.0983, -13.6233**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.4700, 34.2783, 18.8818**, and **82.5750, 45.0725, 10.0197** is the 20% darker color. If you saturate the color by 10%, you get **116.4800, 55.9654, 16.2420**, and if you desaturate by 10%, it is **152.4520, 38.2312, 11.0046**.

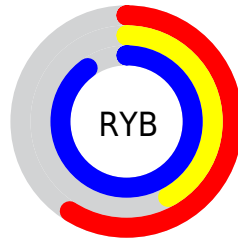
Distribution



Red (59%)

Green (42%)

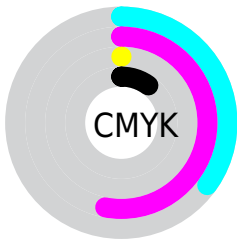
Blue (90%)



Red (59%)

Yellow (42%)

Blue (90%)

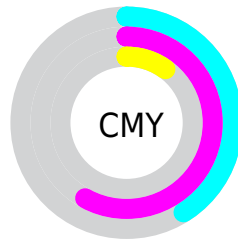


Cyan (35%)

Magenta (53%)

Yellow (0%)

Black (10%)



Cyan (41%)

Magenta (58%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.4660, 47.0983, 13.6233 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 134.4660, 47.0983, 13.6233 by changing the saturation by 10% instead.

134.4660, 47.0983,
13.6233

134.4660, 47.0983,
13.6233

255.0000, 0.0000,
0.0000

108.1130, 45.7933,
12.1789

185.4700, 34.2783,
18.8818

82.5750, 45.0725,
10.0197

210.2890, 22.0425,
23.4255

56.6240, 44.0624,
7.3458

232.1070, 11.2862,
20.0772

29.7160, 44.5100,
3.7571

249.1300, 2.8939,
5.1480

10.8300, 41.4958,
-9.4979

7.9800, 30.5759,
-6.9985

7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 134.4660, 47.0983,
13.6233

■ 134.4660, 47.0983,
13.6233

■ 116.4800, 55.9654,
16.2420

■ 152.4520, 38.2312,
11.0046

■ 98.4940, 64.8325,
18.8608

■ 170.4380, 29.3641,
8.3859

■ 80.5080, 73.6996,
21.4795

■ 188.4240, 20.4970,
5.7672

■ 62.5220, 82.5667,
24.0982

■ 206.4100, 11.6299,
3.1484

■ 49.8410, 88.8184,
25.5724

■ 224.3960, 2.7628,
0.5297

■ 242.3820, -6.1043,
-2.0890

■ 252.1500,
-10.9200, 2.4994

Harmonies

Analogous

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



108.2010, 71.8789, -94.8923



134.4660, 47.0983, 13.6233



129.4170, 24.9374, 75.0563

Triad

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



134.4660, 47.0983, 13.6233



123.4620, -60.8668, 62.7388



109.8630, 17.3225, -96.3499

Complementary

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



134.4660, 47.0983, 13.6233



203.5340, -47.0983, -13.6233

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.



100.8060, -9.7644, -88.4069



134.4660, 47.0983, 13.6233



122.0130, -60.1524, 20.1596

Square

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



134.4660, 47.0983, 13.6233



122.9720, -30.5522, 92.9866



111.5230, -50.5438, -28.5227



116.0020, 43.3830, -101.7338

Rectangle

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



134.4660, 47.0983, 13.6233



122.6190, 8.5688, 98.5581



111.5230, -50.5438, -28.5227



106.8820, 8.4392, -93.7355

Sweetspot

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



134.4660, 47.0983, 13.6233



222.8600, 15.8450, 4.5078



169.4550, 29.8487, -53.8960



108.5410, 9.5933, 3.0335



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.



134.4660, 47.0983, 13.6233



127.3260, 62.9433, 18.1311



152.4060, 38.2538, 50.5099



105.5640, 4.6519, 1.2594



38.6450, 69.1950, 19.6053



11.1960, 19.6234, 5.9671

Inverse Universe

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



153.5980, 16.9602, 67.0046



152.9350, 22.7100, 89.5110



185.5940, -38.2538, -50.5099



107.5000, 1.7255, 6.5775



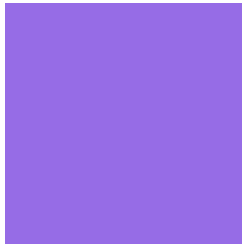
66.8590, 24.7195, 98.3477



19.0110, 6.8966, 28.0544

Previews

White Background



This preview shows how the YUV color 134.4660, 47.0983, 13.6233 looks on a white background.

Color Contrast Check

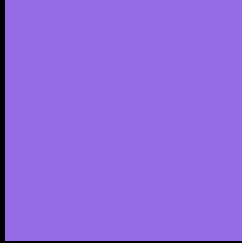
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.4660, 47.0983, 13.6233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

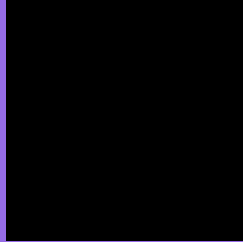
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.4660, 47.0983, 13.6233

Background



This preview shows how black text looks on a background with the YUV color 134.4660, 47.0983, 13.6233.



This preview shows how white text looks on a background with the YUV color 134.4660, 47.0983,

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

134.4660, 47.0983, 13.6233

Protanopia

122.7720, 62.7234, -51.5430

Deuteranopia

122.5580, 50.5039, -52.2324



Tritanopia

131.5530, 4.6574, -0.4850

Trichromacy



Original Color

134.4660, 47.0983, 13.6233



Protanomaly

127.1340, 57.1219, -28.1815



Deuteranomaly

127.0710, 49.2650, -28.1263



Tritanomaly

132.5980, 19.9182, 4.7376

Monochromacy



Original Color

134.4660, 47.0983, 13.6233



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

134.5010, 17.0080, 4.8226

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.4660, 47.0983, 13.6233 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(150, 108, 230)` looks like.

```
.text, #text, p{  
    color:rgb(150, 108, 230)  
}
```

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(150, 108, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 108, 230) }
```

Border

The CSS property to change the border of an element to YUV 134.4660, 47.0983, 13.6233 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(150, 108, 230) }
```


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

```
.border{ border-color:rgb(150, 108, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 108, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 108, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 108, 230);  
box-shadow:4px 4px 4px 4px rgb(150, 108,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 134.4660, 47.0983, 13.6233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 108, 230) }
```

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

```
.background{ background-color: rgb(150,  
108, 230) }
```

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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