

Converting Colors

YUV(147.4800, 42.1614,
-36.3780)

Have a look what the booklet for
YUV(147.4800, 42.1614, -36.3780)
contains.

YUV(147.4800, 42.1614, -36.3780)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(147.4800, 42.1614,
-36.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	6A98E9
RGB	106, 152, 233
RGB Percent	42%, 60%, 91%
CMY	0.5843, 0.4039, 0.0863
CMYK	0.55, 0.35, 0.00, 0.09
HSL	218°, 74%, 66%
HSV	218°, 55%, 91%
XYZ	31.8801, 31.4038, 81.4721
YIQ	147.4800, -53.4170, 15.4390

Conversions

Conversions Part 2

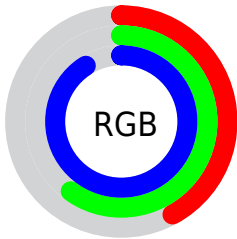
Format	Color
RYB	106, 140, 233
Decimal	6985961
CIELab	62.85, 7.54, -45.63
CIELCh	63, 46.247, 279.386
Yxy	31.4038, 0.2202, 0.2169
Android (android.graphics.Color)	4285176041 (0xFF6A98E9)
YUV	147.4800, 42.1614, -36.3780
Hunter-Lab	56.0391, 3.4783, -46.9710

Details

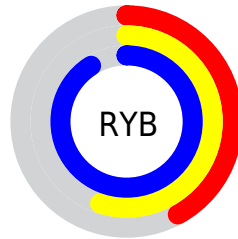
The YUV color **147.4800, 42.1614, -36.3780** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **191.5200, -42.1614, 36.3780**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.0280, 27.5942, -30.7196**, and **92.3110, 41.7517, -44.9997** is the 20% darker color. If you saturate the color by 10%, you get **131.7980, 49.8926, -42.7958**, and if you desaturate by 10%, it is **163.1620, 34.4301, -29.9601**.

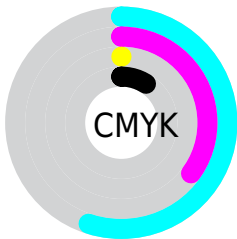
Distribution



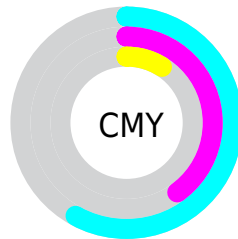
- Red (42%)
- Green (60%)
- Blue (91%)



- Red (42%)
- Yellow (55%)
- Blue (91%)



- Cyan (55%)
- Magenta (35%)
- Yellow (0%)
- Black (9%)



- Cyan (58%)
- Magenta (40%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.4800, 42.1614, -36.3780 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 147.4800, 42.1614, -36.3780 by changing the saturation by 10% instead.

■ 147.4800, 42.1614,
-36.3780

■ 147.4800, 42.1614,
-36.3780

255.0000, 0.0000,
0.0000

■ 120.0560, 41.8774,
-38.6371

■ 199.0280, 27.5942,
-30.7196

■ 92.3110, 41.7517,
-44.9997

■ 224.4340, 15.0690,
-26.6906

■ 62.8860, 42.9472,
-55.1510

■ 245.4320, 4.7170,
-19.6729

■ 47.0080, 37.9571,
-41.2260

254.4020, 0.2948,
-1.2296

■ 31.7170, 32.6775,
-27.8158

■ 16.0670, 28.5610,
-14.0908

■ 8.0480, 20.6823,

-7.0581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 147.4800, 42.1614,
-36.3780

■ 147.4800, 42.1614,
-36.3780

■ 131.7980, 49.8926,
-42.7958

■ 163.1620, 34.4301,
-29.9601

■ 115.8170, 57.7712,
-49.8285

■ 179.1430, 26.5515,
-22.9274

■ 100.1350, 65.5024,
-56.2464

■ 194.8250, 18.8203,
-16.5095

■ 85.0400, 72.9443,
-63.1791

■ 209.9200, 11.3784,
-9.5768

■ 75.8700, 77.4651,
-66.5380

■ 225.9010, 3.4998,
-2.5442

■ 241.5830, -4.2314,
3.8737

■ 252.4920, -9.6096,
2.1995

Harmonies

Analogous

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



122.2600, 52.1298, -107.2220



147.4800, 42.1614, -36.3780



155.8840, 29.6372, 14.1337

Triad

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



147.4800, 42.1614, -36.3780



151.6800, -24.4922, 62.5476



131.9260, -4.8935, -63.9561

Complementary

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



147.4800, 42.1614, -36.3780



191.5200, -42.1614, 36.3780

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.



142.5390, -27.8737, -19.7667



147.4800, 42.1614, -36.3780



150.5300, -37.2363, 43.3852

Square

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



147.4800, 42.1614, -36.3780



153.2240, -6.0264, 66.4556



147.1860, -39.0387, 14.7459



120.2470, 21.5702, -105.4566

Rectangle

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



147.4800, 42.1614, -36.3780



156.5900, 18.9361, 39.8246



147.1860, -39.0387, 14.7459



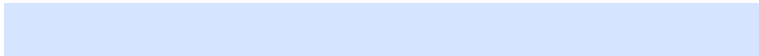
136.4460, -13.5309, -46.8721

Sweetspot

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



147.4800, 42.1614, -36.3780



227.4790, 13.5679, -11.8211



189.6690, -1.8088, -73.3777



111.1330, 8.3154, -7.1326



0.0000, 0.0000, 0.0000



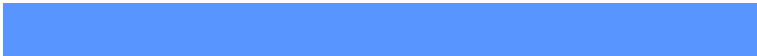
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



147.4800, 42.1614, -36.3780



143.1440, 55.1450, -47.4843



125.5610, 52.9674, -2.2460



109.6020, 3.6472, -3.1590



59.3760, 59.9606, -52.0728



17.3090, 18.0887, -15.1800

Inverse Universe

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



149.2170, 1.3720, 73.4777



145.4740, 1.7383, 96.0543



213.4390, -52.9674, 2.2460



109.7450, 0.1257, 6.3626



61.6430, 2.1480, 104.6761



18.3120, 0.3392, 31.2984

Previews

White Background



This preview shows how the YUV color 147.4800, 42.1614, -36.3780 looks on a white background.

Color Contrast Check

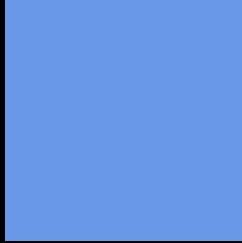
Large Text (above 18pt) WCAG AA × Fail

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 147.4800, 42.1614, -36.3780 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 ✓ Pass

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

YUV 147.4800, 42.1614, -36.3780

Background



This preview shows how black text looks on a background with the YUV color 147.4800, 42.1614, -36.3780.



This preview shows how white text looks on a background with the YUV color 147.4800, 42.1614, -36.3780.

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

147.4800, 42.1614, -36.3780

Protanopia

150.4600, 39.2132, -24.0824

Deuteranopia

148.0890, 41.8611, -33.4041



Tritanopia

141.2740, 17.6129, -49.3523

Trichromacy



Original Color

147.4800, 42.1614, -36.3780

Protanomaly

149.3670, 40.2451, -28.3859

Deuteranomaly

147.7900, 42.0085, -34.0188

Tritanomaly

143.5980, 26.3272, -44.3744

Monochromacy



Original Color

147.4800, 42.1614, -36.3780

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.2230, 15.1731, -13.3506

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.4800, 42.1614, -36.3780 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(106, 152, 233)` looks like.

```
.text, #text, p{  
    color:rgb(106, 152, 233)  
}
```

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(106, 152, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 152, 233) }
```

Border

The CSS property to change the border of an element to YUV 147.4800, 42.1614, -36.3780 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(106, 152, 233) }
```


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

```
.border{ border-color:rgb(106, 152, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 152, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 152, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 152, 233);  
box-shadow:4px 4px 4px 4px rgb(106, 152,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 147.4800, 42.1614, -36.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 152, 233) }
```

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

```
.background{ background-color: rgb(106,  
152, 233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor