

Converting Colors

YUV(99.1520, -34.0919,
14.7757)

Have a look what the booklet for
YUV(99.1520, -34.0919, 14.7757)
contains.

YUV(99.1520, -34.0919, 14.7757)	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(99.1520, -34.0919,
14.7757)**

Conversions

Conversions Part 1

Format	Color
Hex	74681E
RGB	116, 104, 30
RGB Percent	45%, 41%, 12%
CMY	0.5451, 0.5922, 0.8824
CMYK	0.00, 0.10, 0.74, 0.55
HSL	52°, 59%, 29%
HSV	52°, 74%, 45%
XYZ	12.3871, 13.7074, 3.2212
YIQ	99.1520, 30.9060, -20.4700

Conversions

Conversions Part 2

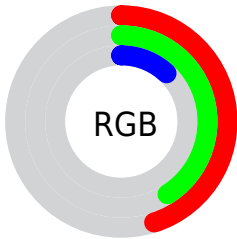
Format	Color
R_{YB}	44, 116, 30
Decimal	7628830
CIE Lab	43.81, -4.30, 41.27
CIE LCh	44, 41.489, 95.951
Yxy	13.7074, 0.4225, 0.4676
Android (android.graphics.Color)	4285818910 (0xFF74681E)
YUV	99.1520, -34.0919, 14.7757
Hunter-Lab	37.0235, -5.0695, 20.7579

Details

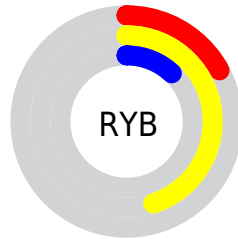
The YUV color **99.1520, -34.0919, 14.7757** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **46.8480, 34.0919, -14.7757**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1200, -35.5552, 17.4348**, and **52.8940, -26.0767, 10.6170** is the 20% darker color. If you saturate the color by 10%, you get **96.6100, -38.7547, 17.0050**, and if you desaturate by 10%, it is **101.6940, -29.4291, 12.5464**.

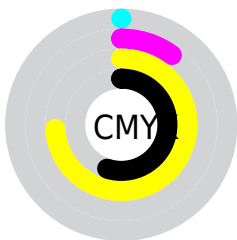
Distribution



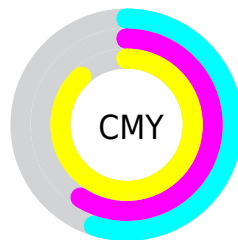
- Red (45%)
- Green (41%)
- Blue (12%)



- Red (17%)
- Yellow (45%)
- Blue (12%)



- Cyan (0%)
- Magenta (10%)
- Yellow (74%)
- Black (55%)



- Cyan (55%)
- Magenta (59%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.1520, -34.0919, 14.7757 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 99.1520, -34.0919, 14.7757 by changing the saturation by 10% instead.

■ 99.1520, -34.0919,
14.7757

■ 99.1520, -34.0919,
14.7757

■ 255.0000, 0.0000,
0.0000

■ 74.0980, -35.5443,
13.9461

■ 151.1200,
-35.5552, 17.4348

■ 52.8940, -26.0767,
10.6170

■ 178.3050,
-36.1394, 18.1495

■ 33.0920, -16.3144,
6.0583

■ 205.6750,
-37.3078, 19.5790

■ 12.3820, -6.1043,
-2.0890

■ 233.2620,
-37.5972, 19.0642

■ 0.0000, 0.0000,
0.0000

■ 246.9060,
-31.0127, 7.0984

■ 250.0980,

-18.7823, 4.2991

253.4040, -6.1152,
1.3997

99.1520, -34.0919,
14.7757

99.1520, -34.0919,
14.7757

96.6100, -38.7547,
17.0050

101.6940,
-29.4291, 12.5464

94.7690, -43.2701,
18.6196

103.5350,
-24.9138, 10.9318

93.3840, -46.0383,
19.8342

106.0770,
-20.2510, 8.7025

107.9180,
-15.7356, 7.0879

110.4600,
-11.0728, 4.8586

■ 113.0020, -6.4100,
2.6292

■ 114.8430, -1.8946,
1.0147

■ 117.3850, 2.7682,
-1.2146

■ 119.8130, 6.9942,
-3.3440

Harmonies

Analogous

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



101.9190, -30.5261, 37.7820



99.1520, -34.0919, 14.7757



95.3810, -24.8378, -13.4891

Triad

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



99.1520, -34.0919, 14.7757



86.1550, 28.0246, -75.5579



105.9830, 12.8264, 39.4799

Complementary

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



99.1520, -34.0919, 14.7757



46.8480, 34.0919, -14.7757

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.



106.2160, 26.0225, 6.8266



99.1520, -34.0919, 14.7757



86.4290, 39.2285, -75.7982

Square

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



99.1520, -34.0919, 14.7757



82.9800, 13.3209, -72.7735



95.2960, 37.8151, -42.3556



103.0700, -2.4995, 55.1896

Rectangle

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



99.1520, -34.0919, 14.7757



90.2130, -13.4160, -37.0208



95.2960, 37.8151, -42.3556



106.5950, 17.9477, 30.1732

Sweetspot

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



99.1520, -34.0919, 14.7757



143.8900, -13.2568, 5.3585



57.1960, -6.9986, 51.5711



72.9590, -7.8678, 3.5440



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



99.1520, -34.0919, 14.7757



124.2720, -52.8851, 22.5635



97.2260, -33.1424, -9.8452



57.7290, -2.3314, 1.1147



98.1130, -48.3697, 20.9489



200.9550, -99.0708, 43.0125

Inverse Universe

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



46.8480, 34.0919, -14.7757



42.7280, 52.8851, -22.5635



48.7740, 33.1424, 9.8452



54.2710, 2.3314, -1.1147



23.8870, 48.3697, -20.9489



49.0450, 99.0708, -43.0125

Previews

White Background



This preview shows how the YUV color 99.1520, -34.0919, 14.7757 looks on a white 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

Black Background



This preview shows how the YUV color 99.1520, -34.0919, 14.7757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

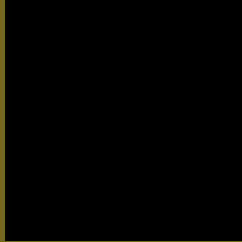
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.1520, -34.0919, 14.7757

Background



This preview shows how black text looks on a background with the YUV color 99.1520, -34.0919, 14.7757.



This preview shows how white text looks on a background with the YUV color 99.1520, -34.0919,

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

99.1520, -34.0919, 14.7757

Protanopia

99.1520, -34.0919, 14.7757

Deuteranopia

100.0440, -33.5457, 26.2714



Tritanopia

105.3870, -0.1908, 14.5696

Trichromacy



Original Color

99.1520, -34.0919, 14.7757

Protanomaly

99.1520, -34.0919, 14.7757

Deuteranomaly

99.6090, -33.8242, 22.2679

Tritanomaly

103.4720, -12.5577, 14.4951

Monochromacy



Original Color

99.1520, -34.0919, 14.7757

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.1180, -12.3832, 5.1585

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.1520, -34.0919, 14.7757 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(116, 104, 30)` looks like.

```
.text, #text, p{  
    color:rgb(116, 104, 30)  
}
```

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(116, 104, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 104, 30) }
```

Border

The CSS property to change the border of an element to YUV 99.1520, -34.0919, 14.7757 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(116, 104, 30) }
```


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

```
.border{ border-color:rgb(116, 104, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 104, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 104, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 104, 30);  
box-shadow:4px 4px 4px 4px rgb(116, 104,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 99.1520, -34.0919, 14.7757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 104, 30) }
```

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

```
.background{ background-color: rgb(116,  
104, 30) }
```

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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