

Converting Colors

YUV(145.9910, 34.0214, 7.9009)

Have a look what the booklet for
YUV(145.9910, 34.0214, 7.9009)
contains.

YUV(145.9910, 34.0214, 7.9009)	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(145.9910, 34.0214,
7.9009)**

Conversions

Conversions Part 1

Format	Color
Hex	9B80D7
RGB	155, 128, 215
RGB Percent	61%, 50%, 84%
CMY	0.3922, 0.4980, 0.1569
CMYK	0.28, 0.40, 0.00, 0.16
HSL	259°, 52%, 67%
HSV	259°, 40%, 84%
XYZ	33.5025, 27.3132, 67.7962
YIQ	145.9910, -11.8350, 32.7810

Conversions

Conversions Part 2

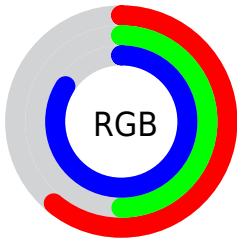
Format	Color
RYB	155, 128, 215
Decimal	10191063
CIELab	59.26, 28.79, -41.02
CIELCh	59, 50.112, 305.060
Yxy	27.3132, 0.2605, 0.2124
Android (android.graphics.Color)	4288381143 (0xFF9B80D7)
YUV	145.9910, 34.0214, 7.9009
Hunter-Lab	52.2620, 22.9685, -40.3297

Details

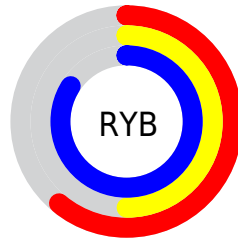
The YUV color **145.9910, 34.0214, 7.9009** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **197.0090, -34.0214, -7.9009**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.4060, 27.9008, 11.0449**, and **94.2250, 32.4271, 5.9417** is the 20% darker color. If you saturate the color by 10%, you get **129.1790, 42.3098, 9.4900**, and if you desaturate by 10%, it is **163.3900, 25.4437, 5.7970**.

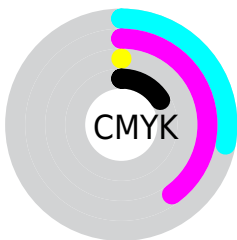
Distribution



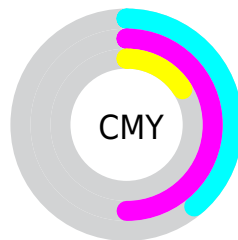
- Red (61%)
- Green (50%)
- Blue (84%)



- Red (61%)
- Yellow (50%)
- Blue (84%)



- Cyan (28%)
- Magenta (40%)
- Yellow (0%)
- Black (16%)



- Cyan (39%)
- Magenta (50%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.9910, 34.0214, 7.9009 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 145.9910, 34.0214, 7.9009 by changing the saturation by 10% instead.

■ 145.9910, 34.0214,
7.9009

■ 145.9910, 34.0214,
7.9009

255.0000, 0.0000,
0.0000

■ 120.0510, 33.0059,
6.9713

■ 198.4060, 27.9008,
11.0449

■ 94.2250, 32.4271,
5.9417

■ 223.5130, 15.5231,
14.4591

■ 69.8720, 31.1221,
4.4973

■ 244.4340, 5.2090,
9.2664

■ 46.3340, 30.4013,
2.3381

■ 22.7850, 29.6860,
-1.5654

■ 6.7260, 25.7711,
-5.8987

■ 5.3920, 15.5827,

-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 145.9910, 34.0214,
7.9009

■ 145.9910, 34.0214,
7.9009

■ 129.1790, 42.3098,
9.4900

■ 163.3900, 25.4437,
5.7970

■ 111.7800, 50.8875,
11.5939

■ 180.2020, 17.1554,
4.2078

■ 94.6800, 59.3178,
14.3126

■ 197.3020, 8.7251,
1.4891

■ 77.8680, 67.6061,
15.9018

■ 214.1140, 0.4368,
-0.1000

■ 60.4690, 76.1838,
18.0057

■ 231.5130, -8.1409,
-2.2039

■ 44.5430, 84.0353,
19.6948

■ 247.1510,
-15.8504, -2.7634

■ 250.4400,
-17.4719, 3.9991

Harmonies

Analogous

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



132.5640, 48.0359, -53.9916



145.9910, 34.0214, 7.9009



146.1890, 17.1618, 48.9462

Triad

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



145.9910, 34.0214, 7.9009



140.5200, -38.7104, 49.5330



113.2540, 17.6228, -99.3238

Complementary

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



145.9910, 34.0214, 7.9009



197.0090, -34.0214, -7.9009

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.



121.0030, -8.3825, -64.9006



145.9910, 34.0214, 7.9009



137.4810, -43.1281, 19.7492

Square

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



145.9910, 34.0214, 7.9009



141.6530, -23.4929, 68.7103



132.7090, -32.3945, -16.4078



117.5690, 36.6945, -103.1080

Rectangle

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



145.9910, 34.0214, 7.9009



143.8570, 4.0145, 65.9004



132.7090, -32.3945, -16.4078



111.5440, 11.0708, -97.8241

Sweetspot

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



145.9910, 34.0214, 7.9009



230.5240, 12.0667, 3.0485



173.7250, 20.3486, -40.1008



113.5470, 7.1253, 1.2743



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.



145.9910, 34.0214, 7.9009



155.9110, 48.8509, 11.4791



158.8480, 27.6829, 34.3363



98.4500, 4.2152, 1.3594



35.3410, 66.8799, 15.4869



8.7890, 16.8660, 3.6930

Inverse Universe

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



160.8530, 13.3835, 47.4869



177.1790, 19.1388, 68.2490



184.1520, -27.6829, -34.3363



100.2010, 1.8729, 5.9627



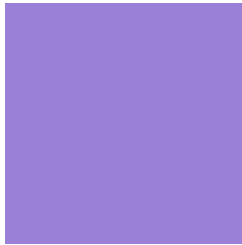
64.5810, 26.3356, 93.3295



16.2770, 6.7654, 23.4361

Previews

White Background



This preview shows how the YUV color 145.9910, 34.0214, 7.9009 looks on a white background.

Color Contrast Check

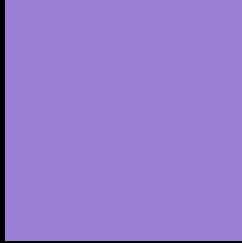
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.9910, 34.0214, 7.9009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

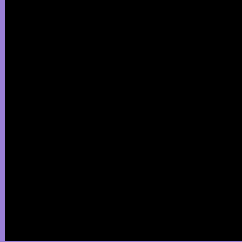
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.9910, 34.0214, 7.9009

Background



This preview shows how black text looks on a background with the YUV color 145.9910, 34.0214, 7.9009.



This preview shows how white text looks on a background with the YUV color 145.9910, 34.0214,

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

145.9910, 34.0214, 7.9009

Protanopia

141.0190, 41.4026, -26.3267

Deuteranopia

141.0100, 34.9981, -25.4418



Tritanopia

142.9660, 4.9468, 0.0298

Trichromacy



Original Color

145.9910, 34.0214, 7.9009

Protanomaly

142.9990, 38.4545, -14.0311

Deuteranomaly

142.9730, 34.5233, -13.1313

Tritanomaly

143.8490, 15.8504, 2.7634

Monochromacy



Original Color

145.9910, 34.0214, 7.9009

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.6380, 12.5035, 2.9485

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.9910, 34.0214, 7.9009 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(155, 128, 215)` looks like.

```
.text, #text, p{  
    color:rgb(155, 128, 215)  
}
```

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(155, 128, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 128, 215) }
```

Border

The CSS property to change the border of an element to YUV 145.9910, 34.0214, 7.9009 is called "border". The border property can be set on classes, ids or directly on the HTML element.

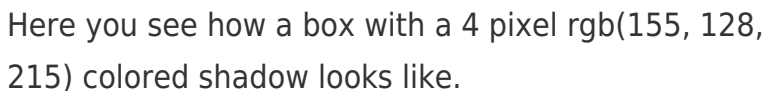
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 128, 215) }
```


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

```
.border{ border-color:rgb(155, 128, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 128, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 128, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 128, 215); box-shadow:4px 4px 4px 4px rgb(155, 128, 215) }
```

Background

The CSS property to change the background color of an element to YUV 145.9910, 34.0214, 7.9009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 128, 215) }
```

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

```
.background{ background-color: rgb(155,  
128, 215) }
```

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