

# Converting Colors

YUV(226.2960, 14.1511,  
-59.0186)

Have a look what the booklet for  
YUV(226.2960, 14.1511, -59.0186)  
contains.

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# Color

**YUV(226.2960, 14.1511,  
-59.0186)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FFFFFF
RGB	159, 255, 255
RGB Percent	62%, 100%, 100%
CMY	0.3765, 0.0000, 0.0000
CMYK	0.38, 0.00, 0.00, 0.00
HSL	180°, 100%, 81%
HSV	180°, 38%, 100%
XYZ	68.1081, 86.1109, 107.6391
YIQ	226.2960, -57.2160, -20.3520

# Conversions

## Conversions Part 2

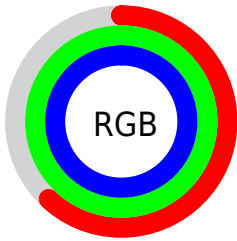
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 207, 255
Decimal	10485759
CIE <sub>Lab</sub>	94.36, -28.26, -8.96
CIE <sub>LCh</sub>	94, 29.647, 197.591
Yxy	86.1109, 0.2601, 0.3288
Android (android.graphics.Color)	4288675839 (0xFF9FFFFF)
YUV	226.2960, 14.1511, -59.0186
Hunter-Lab	92.7960, -31.3820, -3.8165

# Details

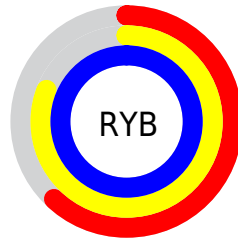
The YUV color  $226.2960, 14.1511, -59.0186$  is a light color, and the websafe version is hex  $99FFFF$ . A complement of this color would be  $187.7040, -14.1511, 59.0186$ , and the grayscale version is  $226.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $243.6380, 5.6015, -23.3615$ , and  $168.9970, 14.2985, -59.6334$  is the 20% darker color. If you saturate the color by 10%, you get  $218.5220, 17.9837, -75.0028$ , and if you desaturate by 10%, it is  $234.0700, 10.3185, -43.0344$ .

# Distribution



- Red (62%)
- Green (100%)
- Blue (100%)



- Red (62%)
- Yellow (81%)
- Blue (100%)



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 226.2960, 14.1511, -59.0186 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 226.2960, 14.1511, -59.0186 by changing the saturation by 10% instead.



226.2960, 14.1511,  
-59.0186

226.2960, 14.1511,  
-59.0186

255.0000, 0.0000,  
0.0000

197.2960, 14.1511,  
-59.0186

243.6380, 5.6015,  
-23.3615

168.9970, 14.2985,  
-59.6334

252.6080, 1.1793,  
-4.9182

140.8120, 14.8827,  
-60.3481

112.4200, 16.0619,  
-65.2663

82.8320, 17.8308,  
-72.6437

65.3070, 14.1456,  
-57.2742

48.5970, 11.0447,

-42.6196

■ 32.4740, 7.6543,  
-28.4797

■ 17.8670, 4.9956,  
-15.6694

■ 226.2960, 14.1511,  
-59.0186

■ 226.2960, 14.1511,  
-59.0186

■ 218.5220, 17.9837,  
-75.0028

■ 234.0700, 10.3185,  
-43.0344

■ 211.0470, 21.6688,  
-90.3722

■ 241.5450, 6.6333,  
-27.6650

■ 203.2730, 25.5014,  
-106.3564

■ 249.3190, 2.8007,  
-11.6808

■ 195.7980, 29.1866,  
-121.7258

■ 255.0000, 0.0000,  
0.0000

■ 188.0240, 33.0192,  
-137.7100

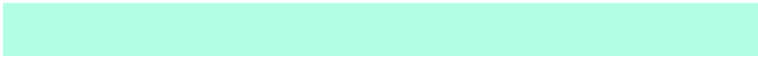
■ 180.5490, 36.7043,  
-153.0795

■ 178.7550, 37.5888,  
-156.7681

# Harmonies

## Analogous

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



228.3830, -1.1748, -43.3089



226.2960, 14.1511, -59.0186



225.4320, 14.5770, -55.6299

# Triad

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



226.2960, 14.1511, -59.0186



237.9770, 8.3923, 14.9292



233.8780, -25.0829, 18.5240

# Complementary

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



226.2960, 14.1511, -59.0186



187.7040, -14.1511, 59.0186

# 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.



230.3050, -15.9264, 21.6575



226.2960, 14.1511, -59.0186



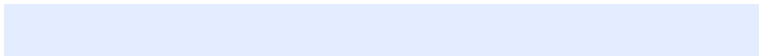
233.5260, 9.1077, 18.8327

# Square

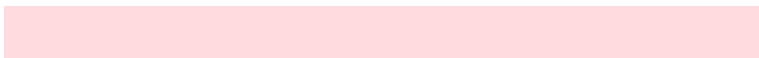
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.2960, 14.1511, -59.0186



235.7740, 9.4784, -6.8178



230.2200, -3.5595, 21.7321



235.6870, -25.4817, 6.4135



# Rectangle

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



226.2960, 14.1511, -59.0186



227.8680, 13.3761, -43.7342



230.2200, -3.5595, 21.7321



232.5730, -22.4675, 19.6685

# Sweetspot

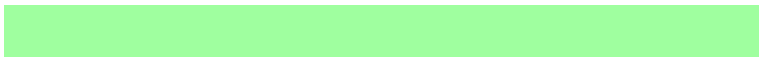
The Sweet Spot groups the original color and five complimentary colors.



226.2960, 14.1511, -59.0186



246.6280, 4.1274, -17.2138



215.3520, -27.7815, -49.4207



122.9170, 2.5059, -10.4512



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

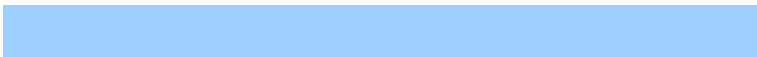
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.2960, 14.1511, -59.0186



220.6150, 16.9518, -70.6994



198.1200, 28.0418, -34.3082



124.1130, 1.9163, -7.9921



133.8910, 28.1547, -117.4224



44.8640, 9.4340, -39.3457



# Inverse Universe

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



198.6480, 27.7815, 49.4207



187.4950, 33.2800, 59.2019



215.8800, -28.0418, 34.3082



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266

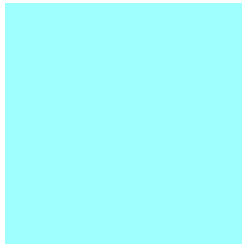


26.4320, 18.5210, 32.9471



# Previews

## White Background



This preview shows how the YUV color 226.2960, 14.1511, -59.0186 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

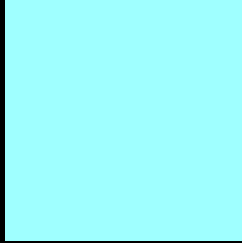
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 226.2960, 14.1511, -59.0186 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 226.2960, 14.1511, -59.0186 Background



This preview shows how black text looks on a background with the YUV color 226.2960, 14.1511, -59.0186.



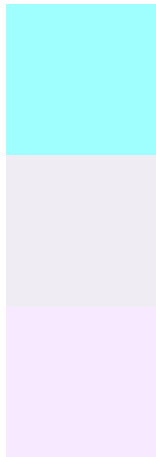
This preview shows how white text looks on a background with the YUV color 226.2960, 14.1511, -59.0186.

-59.0186.

# 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

226.2960, 14.1511, -59.0186

### Protanopia

238.1080, 2.9048, 1.6593

### Deuteranopia

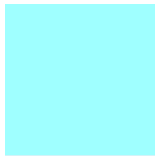
239.6940, 7.5459, 6.4074



## Tritanopia

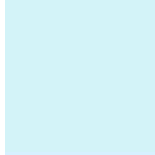
234.4790, 10.1169, -24.9761

# Trichromacy



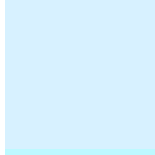
## Original Color

226.2960, 14.1511, -59.0186



## Protanomaly

234.0020, 6.9010, -20.1728



## Deuteranomaly

234.8220, 9.9478, -17.3839



## Tritanomaly

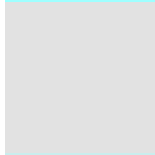
231.7440, 11.4652, -37.4865

# Monochromacy



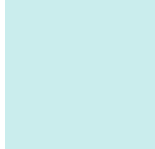
## Original Color

226.2960, 14.1511, -59.0186



## Achromatopsia

226.0000, 0.0000, 0.0000



## Achromatomaly

226.5350, 5.1592, -21.5172

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 226.2960, 14.1511, -59.0186 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(159, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(159, 255, 255)  
}
```

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(159, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 255, 255) }
```

## Border

The CSS property to change the border of an element to YUV 226.2960, 14.1511, -59.0186 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(159, 255, 255) }
```



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

```
.border{ border-color:rgb(159, 255, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(159, 255,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 226.2960, 14.1511, -59.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 255, 255) }
```

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

```
.background{ background-color: rgb(159,  
255, 255) }
```

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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