

# Converting Colors

YUV(247.5960, 2.6642,  
-14.5547)

Have a look what the booklet for  
YUV(247.5960, 2.6642, -14.5547)  
contains.

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# Color

**YUV(247.5960, 2.6642,  
-14.5547)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7FFFD
RGB	231, 255, 253
RGB Percent	91%, 100%, 99%
CMY	0.0941, 0.0000, 0.0078
CMYK	0.09, 0.00, 0.01, 0.00
HSL	175°, 100%, 95%
HSV	175°, 9%, 100%
XYZ	86.4446, 95.6008, 106.8252
YIQ	247.5960, -13.6620, -5.7100

# Conversions

## Conversions Part 2

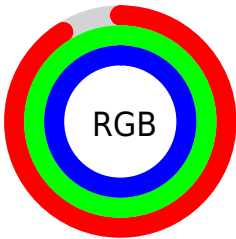
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 244, 255
Decimal	15204349
CIE Lab	98.27, -8.12, -1.71
CIE LCh	98, 8.299, 191.883
Yxy	95.6008, 0.2993, 0.3309
Android (android.graphics.Color)	4293394429 (0xFFE7FFFD)
YUV	247.5960, 2.6642, -14.5547
Hunter-Lab	97.7756, -13.2934, 3.6654

# Details

The YUV color `247.5960, 2.6642, -14.5547` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `238.4040, -2.6642, 14.5547`, and the grayscale version is `248.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `190.8950, 2.5168, -13.9399` is the 20% darker color. If you saturate the color by 10%, you get `239.8930, 5.4758, -29.7242`, and if you desaturate by 10%, it is `255.0000, 0.0000, 0.0000`.

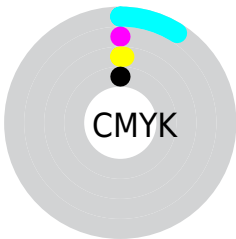
# Distribution



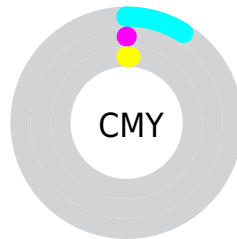
- Red (91%)
- Green (100%)
- Blue (99%)



- Red (91%)
- Yellow (96%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 247.5960, 2.6642, -14.5547 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 247.5960, 2.6642, -14.5547 by changing the saturation by 10% instead.



247.5960, 2.6642,  
-14.5547

247.5960, 2.6642,  
-14.5547

255.0000, 0.0000,  
0.0000

218.8950, 2.5168,  
-13.9399

190.8950, 2.5168,  
-13.9399

164.1940, 2.3694,  
-13.3251

137.6070, 2.6587,  
-12.8103

112.4930, 2.2220,  
-12.7104

87.9060, 2.5113,  
-12.1956

64.2050, 2.3639,

-11.5808

■ 42.2050, 2.3639,  
-11.5808

■ 20.9060, 2.5113,  
-12.1956

■ 247.5960, 2.6642,  
-14.5547

■ 247.5960, 2.6642,  
-14.5547

■ 239.8930, 5.4758,  
-29.7242

255.0000, 0.0000,  
0.0000

■ 231.8910, 8.4347,  
-45.5084

■ 224.1880, 11.2463,  
-60.6779

■ 216.1860, 14.2053,  
-76.4621

■ 208.3690, 16.5801,  
-91.5316

■ 200.3670, 19.5391,  
-107.3159

■ 192.6640, 22.3506,  
-122.4853

■ 184.6620, 25.3096,  
-138.2696

■ 176.9590, 28.1212,  
-153.4390

# Harmonies

## Analogous

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



248.1790, -1.5672, -10.6810



247.5960, 2.6642, -14.5547



247.2370, 3.8272, -14.2398

# Triad

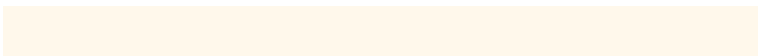
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.5960, 2.6642, -14.5547



250.3040, 2.3151, 4.1184



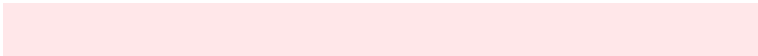
248.6110, -6.7102, 5.6032

# Complementary

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



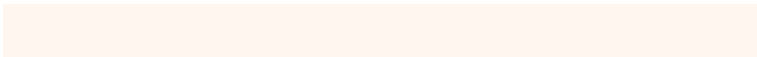
247.5960, 2.6642, -14.5547



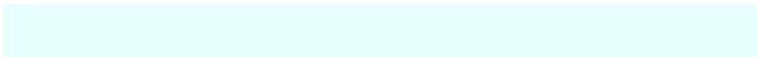
238.4040, -2.6642, 14.5547

# 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.



248.0070, -3.9475, 6.1329



247.5960, 2.6642, -14.5547



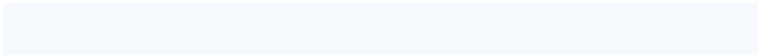
249.1300, 2.8939, 5.1480

# Square

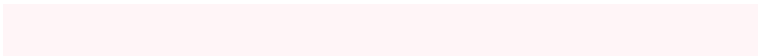
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247.5960, 2.6642, -14.5547



249.3740, 2.7736, -2.9590



248.2180, -0.6005, 5.9478



249.3720, -7.5784, 4.0588

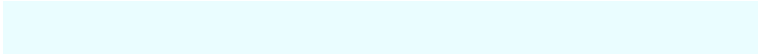


# Rectangle

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



247.5960, 2.6642, -14.5547



247.5470, 3.6743, -11.8807



248.2180, -0.6005, 5.9478



248.1380, -5.9840, 6.0180

# Sweetspot

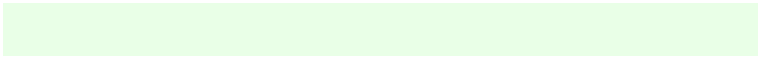
The Sweet Spot groups the original color and five complimentary colors.



247.5960, 2.6642, -14.5547



252.4940, 0.7425, -4.8182



245.6860, -7.2402, -11.1256



126.0920, 0.4476, -3.5887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

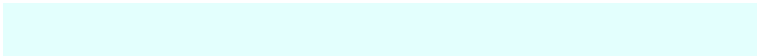


# Same Dimension

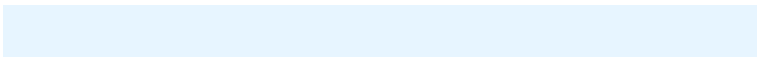
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247.5960, 2.6642, -14.5547



246.4000, 3.2538, -17.0138



241.9540, 6.4317, -9.6067



123.8850, 1.0427, -7.7921



132.0670, 21.1660, -115.8228



44.1800, 6.8133, -38.7459



# Inverse Universe

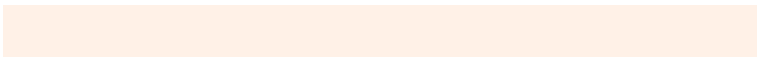
The Inverse Universe completely reimagines the original color for something new.



238.4040, -2.6642, 14.5547



235.6000, -3.2538, 17.0138



244.0460, -6.4317, 9.6067



119.0010, -1.4795, 7.8921



58.9330, -21.1660, 115.8228



19.7060, -7.2501, 38.8458



# Previews

## White Background



This preview shows how the YUV color 247.5960, 2.6642, -14.5547 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

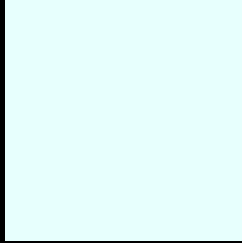
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 247.5960, 2.6642, -14.5547 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 247.5960, 2.6642, -14.5547

## Background



This preview shows how black text looks on a background with the YUV color 247.5960, 2.6642, -14.5547.



This preview shows how white text looks on a background with the YUV color 247.5960, 2.6642, -14.5547.

-14.5647.

# 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

247.5960, 2.6642, -14.5547



### Protanopia

249.9080, -0.4476, 3.5887

### Deuteranopia

250.4350, 0.2785, 4.0035

## **Tritanopia**

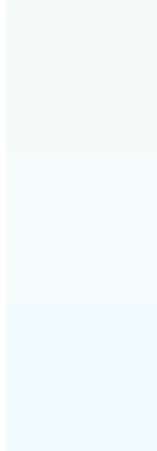
249.3740, 2.7736, -2.9590

# Trichromacy



## Original Color

247.5960, 2.6642, -14.5547



## Protanomaly

249.3910, 0.3002, -2.9739

## Deuteranomaly

249.6190, 1.1738, -3.1739

## Tritanomaly

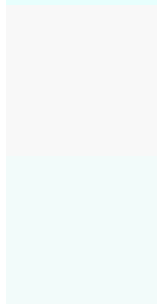
248.9390, 2.4951, -6.9625

# Monochromacy



## Original Color

247.5960, 2.6642, -14.5547



## Achromatopsia

248.0000, 0.0000, 0.0000

## Achromatomaly

248.1950, 0.8899, -5.4330

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 247.5960, 2.6642, -14.5547 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(231, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 253)  
}
```

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(231, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 253) }
```

## Border

The CSS property to change the border of an element to YUV 247.5960, 2.6642, -14.5547 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(231, 255, 253) }
```



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

```
.border{ border-color:rgb(231, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
253) }
```

# Background

The CSS property to change the background color of an element to YUV 247.5960, 2.6642, -14.5547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 253) }
```

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

```
.background{ background-color: rgb(231,  
255, 253) }
```

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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