

# Converting Colors

YUV(242.3990, 4.7333,  
-24.9059)

Have a look what the booklet for  
YUV(242.3990, 4.7333, -24.9059)  
contains.

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# Color

**YUV(242.3990, 4.7333,  
-24.9059)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6FFFC
RGB	214, 255, 252
RGB Percent	84%, 100%, 99%
CMY	0.1608, 0.0000, 0.0118
CMYK	0.16, 0.00, 0.01, 0.00
HSL	176°, 100%, 92%
HSV	176°, 16%, 100%
XYZ	81.0622, 92.8444, 105.7438
YIQ	242.3990, -23.4730, -9.6250

# Conversions

## Conversions Part 2

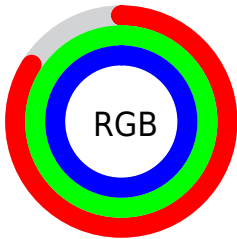
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	214, 235, 255
Decimal	14090236
CIE Lab	97.16, -13.61, -2.95
CIE LCh	97, 13.928, 192.220
Yxy	92.8444, 0.2899, 0.3320
Android (android.graphics.Color)	4292280316 (0xFFD6FFFC)
YUV	242.3990, 4.7333, -24.9059
Hunter-Lab	96.3558, -18.4541, 2.3824

# Details

The YUV color  $242.3990, 4.7333, -24.9059$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $226.6010, -4.7333, 24.9059$ , and the grayscale version is  $242.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $185.9970, 4.4385, -23.6764$  is the 20% darker color. If you saturate the color by 10%, you get  $234.6960, 7.5449, -40.0754$ , and if you desaturate by 10%, it is  $250.4010, 1.7743, -9.1217$ .

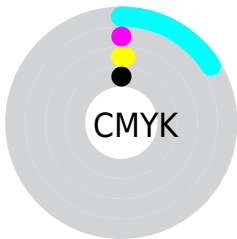
# Distribution



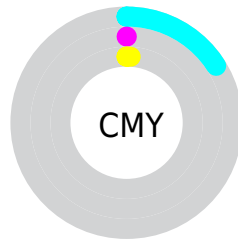
- Red (84%)
- Green (100%)
- Blue (99%)



- Red (84%)
- Yellow (92%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 242.3990, 4.7333, -24.9059 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 242.3990, 4.7333, -24.9059 by changing the saturation by 10% instead.



242.3990, 4.7333,  
-24.9059

242.3990, 4.7333,  
-24.9059

255.0000, 0.0000,  
0.0000

213.6980, 4.5859,  
-24.2911

185.9970, 4.4385,  
-23.6764

158.9970, 4.4385,  
-23.6764

132.4100, 4.7279,  
-23.1616

107.2960, 4.2911,  
-23.0616

82.7090, 4.5805,  
-22.5468

59.0080, 4.4331,

-21.9320

■ 36.1110, 4.8753,  
-23.7763

■ 18.6990, 3.1064,  
-16.3990

■ 242.3990, 4.7333,  
-24.9059

■ 242.3990, 4.7333,  
-24.9059

■ 234.6960, 7.5449,  
-40.0754

■ 250.4010, 1.7743,  
-9.1217

■ 226.6940, 10.5039,  
-55.8596

255.0000, 0.0000,  
0.0000

■ 218.9910, 13.3154,  
-71.0291

■ 211.1030, 16.7112,  
-86.9133

■ 203.4000, 19.5228,  
-102.0828

■ 195.3980, 22.4818,  
-117.8670

■ 187.3960, 25.4408,  
-133.6513

■ 179.6930, 28.2524,  
-148.8208

■ 176.5890, 29.2896,  
-154.8686

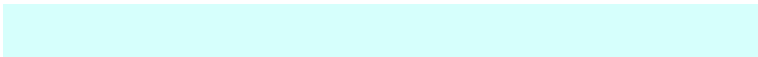
# Harmonies

## Analogous

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



242.6080, -2.2717, -18.0732



242.3990, 4.7333, -24.9059



242.1540, 6.3331, -24.6911

# Triad

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



242.3990, 4.7333, -24.9059



247.3690, 3.7621, 6.6924



244.0800, -11.3784, 9.5768

# Complementary

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



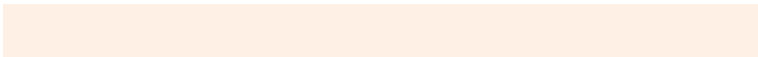
242.3990, 4.7333, -24.9059



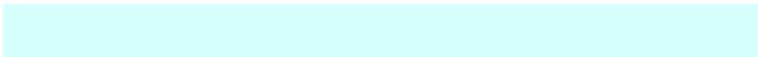
226.6010, -4.7333, 24.9059

# 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.



243.2310, -7.0159, 10.3214



242.3990, 4.7333, -24.9059



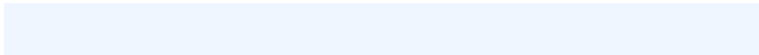
245.6080, 4.6303, 8.2368

# Square

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



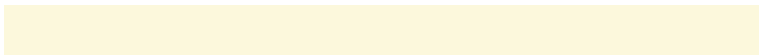
242.3990, 4.7333, -24.9059



245.2320, 4.8156, -4.5885



243.5390, -0.7587, 10.0513



246.0040, -12.8200, 5.2585

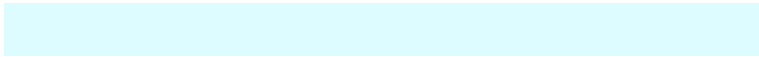


# Rectangle

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



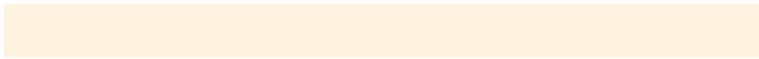
242.3990, 4.7333, -24.9059



242.7740, 6.0274, -19.9728



243.5390, -0.7587, 10.0513



243.7210, -10.2155, 9.8917

# Sweetspot

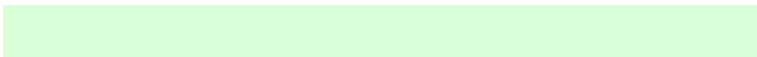
The Sweet Spot groups the original color and five complimentary colors.



242.3990, 4.7333, -24.9059



250.9990, 1.4795, -7.8921



238.9640, -12.3073, -19.2624



125.4940, 0.7425, -4.8182



0.0000, 0.0000, 0.0000

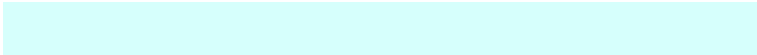


128.0000, 0.0000, 0.0000

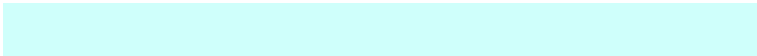


# Same Dimension

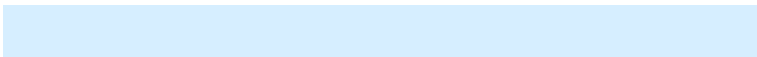
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.3990, 4.7333, -24.9059



240.1920, 5.3283, -29.1094



232.7620, 10.9633, -16.4543



123.9990, 1.4795, -7.8921



132.2950, 22.0396, -116.0227



44.2940, 7.2501, -38.8458



# Inverse Universe

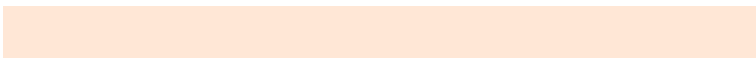
The Inverse Universe completely reimagines the original color for something new.



226.6010, -4.7333, 24.9059



221.6940, -5.7651, 29.2094



236.2380, -10.9633, 16.4543



119.0010, -1.4795, 7.8921



58.7050, -22.0396, 116.0227



19.7060, -7.2501, 38.8458



# Previews

## White Background



This preview shows how the YUV color 242.3990, 4.7333, -24.9059 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

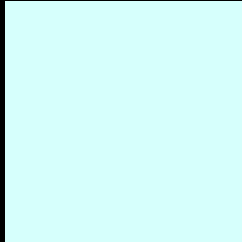
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 242.3990, 4.7333, -24.9059 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

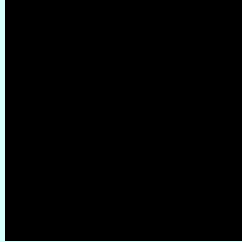
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

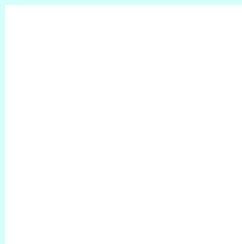
Any Text WCAG AAA ✓ Pass

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

# YUV 242.3990, 4.7333, -24.9059 Background



This preview shows how black text looks on a background with the YUV color 242.3990, 4.7333, -24.9059.



This preview shows how white text looks on a background with the YUV color 242.3990, 4.7333, -24.9059.

-24.9059.

# Color Blindness Simulation

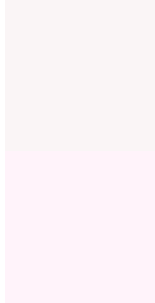
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

242.3990, 4.7333, -24.9059



### Protanopia

246.6090, -0.3002, 2.9739

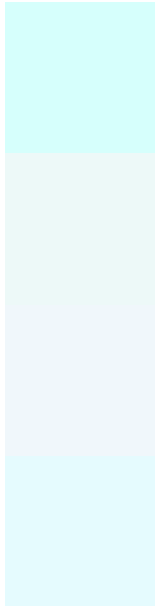
### Deuteranopia

247.3860, 1.2887, 6.6775

## **Tritanopia**

245.8080, 4.5317, -6.8476

# Trichromacy



## Original Color

242.3990, 4.7333, -24.9059

## Protanomaly

245.2980, 1.3321, -7.2773

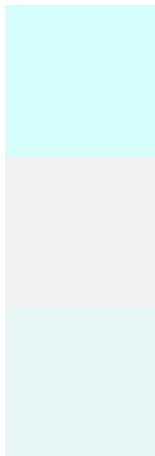
## Deuteranomaly

245.3630, 2.7790, -4.7034

## Tritanomaly

244.7640, 4.5533, -13.8250

# Monochromacy



## Original Color

242.3990, 4.7333, -24.9059

## Achromatopsia

242.0000, 0.0000, 0.0000

## Achromatomaly

242.4010, 1.7743, -9.1217

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 242.3990, 4.7333, -24.9059 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(214, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 252)  
}
```

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(214, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 252) }
```

## Border

The CSS property to change the border of an element to YUV 242.3990, 4.7333, -24.9059 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(214, 255, 252) }
```



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

```
.border{ border-color:rgb(214, 255, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 255, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
252) }
```

# Background

The CSS property to change the background color of an element to YUV 242.3990, 4.7333, -24.9059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 252) }
```

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

```
.background{ background-color: rgb(214,  
255, 252) }
```

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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