

# Converting Colors

YUV(224.8050, 12.4211,  
-17.3690)

Have a look what the booklet for  
YUV(224.8050, 12.4211, -17.3690)  
contains.

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# Color

**YUV(224.8050, 12.4211,  
-17.3690)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDE6FA
RGB	205, 230, 250
RGB Percent	80%, 90%, 98%
CMY	0.1961, 0.0980, 0.0196
CMYK	0.18, 0.08, 0.00, 0.02
HSL	207°, 82%, 89%
HSV	207°, 18%, 98%
XYZ	70.7290, 76.4749, 101.4758
YIQ	224.8050, -21.3200, 0.9200

# Conversions

## Conversions Part 2

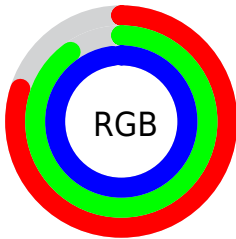
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	205, 221, 250
Decimal	13494010
CIE Lab	90.08, -4.14, -12.46
CIE LCh	90, 13.133, 251.610
Yxy	76.4749, 0.2844, 0.3075
Android (android.graphics.Color)	4291684090 (0xFFCDE6FA)
YUV	224.8050, 12.4211, -17.3690
Hunter-Lab	87.4499, -8.6676, -7.5844

# Details

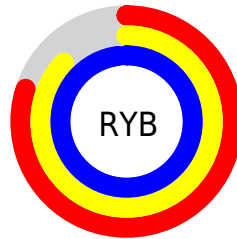
The YUV color **224.8050, 12.4211, -17.3690** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **230.1950, -12.4211, 17.3690**, and the grayscale version is **225.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **169.6910, 11.9843, -17.2690** is the 20% darker color. If you saturate the color by 10%, you get **210.8730, 19.2896, -27.0756**, and if you desaturate by 10%, it is **238.7370, 5.5527, -7.6623**.

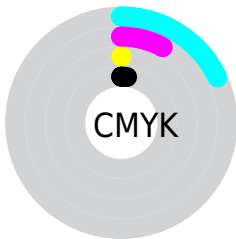
# Distribution



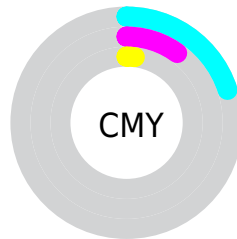
- Red (80%)
- Green (90%)
- Blue (98%)



- Red (80%)
- Yellow (87%)
- Blue (98%)



- Cyan (18%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (20%)
- Magenta (10%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 224.8050, 12.4211, -17.3690 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 224.8050, 12.4211, -17.3690 by changing the saturation by 10% instead.



■ 224.8050, 12.4211,  
-17.3690

■ 224.8050, 12.4211,  
-17.3690

255.0000, 0.0000,  
0.0000

■ 196.6910, 11.9843,  
-17.2690

■ 169.6910, 11.9843,  
-17.2690

■ 142.8760, 11.4001,  
-16.5543

■ 117.1750, 11.2527,  
-15.9395

■ 92.0610, 10.8159,  
-15.8395

■ 68.6480, 10.5265,  
-16.3543

■ 45.5340, 10.0897,

-16.2543

■ 23.5230, 10.0952,  
-17.9987

■ 3.9100, 9.9044,  
-3.4291

■ 224.8050, 12.4211,  
-17.3690

■ 224.8050, 12.4211,  
-17.3690

■ 210.8730, 19.2896,  
-27.0756

■ 238.7370, 5.5527,  
-7.6623

■ 196.9410, 26.1581,  
-36.7823

■ 252.6690, -1.3158,  
2.0443

■ 183.0090, 33.0266,  
-46.4889

■ 254.4300, -2.1840,  
0.4999

■ 169.0770, 39.8950,  
-56.1955

■ 154.5580, 47.0529,  
-65.3874

■ 140.6260, 53.9214,  
-75.0940

■ 126.6940, 60.7899,  
-84.8006

■ 112.7620, 67.6583,  
-94.5073

■ 110.0930, 68.9742,  
-96.5516

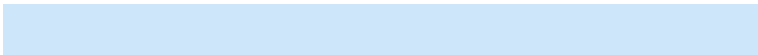
# Harmonies

## Analogous

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



223.0770, 9.8220, -23.7465



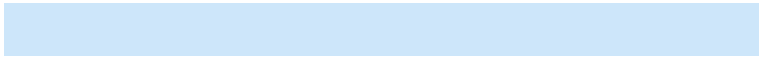
224.8050, 12.4211, -17.3690



226.7570, 11.9518, -6.8029

# Triad

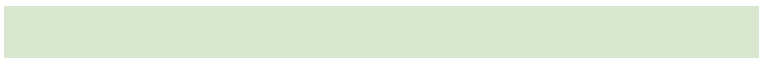
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.8050, 12.4211, -17.3690



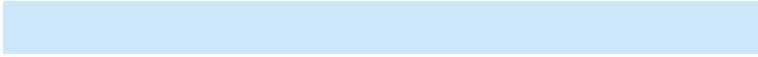
229.2200, -3.5595, 21.7321



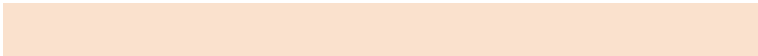
224.1920, -7.9827, -6.3074

# Complementary

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



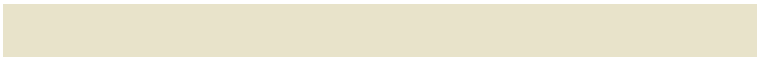
224.8050, 12.4211, -17.3690



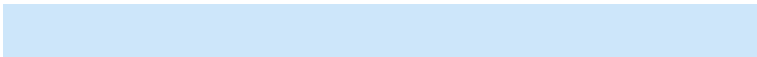
230.1950, -12.4211, 17.3690

# Split Complementary

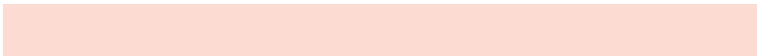
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.6450, -11.6570, 5.5733



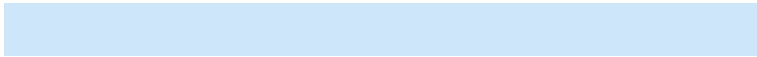
224.8050, 12.4211, -17.3690



228.4280, -9.0850, 20.6726

# Square

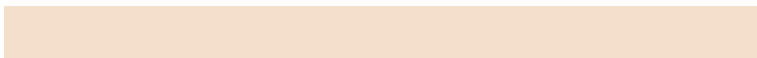
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.8050, 12.4211, -17.3690



229.1960, 2.8614, 15.6141



226.9990, -11.8315, 14.9099

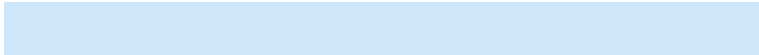


222.6190, -2.2772, -16.3289



# Rectangle

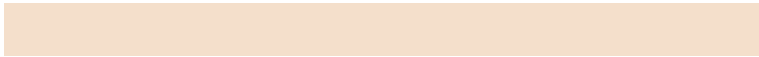
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224.8050, 12.4211, -17.3690



227.9430, 9.8881, 1.8040



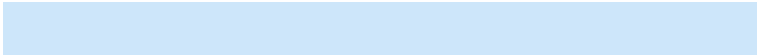
226.9990, -11.8315, 14.9099



224.7580, -9.7407, -2.4188

# Sweetspot

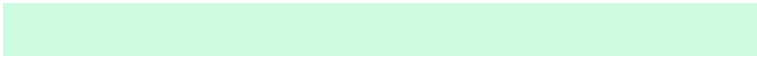
The Sweet Spot groups the original color and five complimentary colors.



224.8050, 12.4211, -17.3690



247.5910, 3.6526, -4.9033



233.6950, -4.2866, -25.1655



123.2600, 2.3368, -2.8590



0.0000, 0.0000, 0.0000

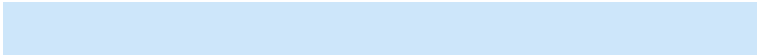


128.0000, 0.0000, 0.0000

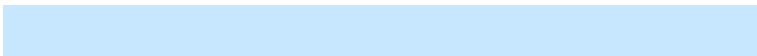


# Same Dimension

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



224.8050, 12.4211, -17.3690



223.5810, 15.4896, -21.5575



211.8910, 18.7877, -6.0434



117.5910, 3.6526, -4.9033



83.1810, 52.1688, -72.9497



26.9120, 16.8054, -23.6018



# Inverse Universe

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



221.3050, 4.2866, 25.1655



219.2780, 5.2859, 31.3282



243.1090, -18.7877, 6.0434



116.6850, 1.1413, 7.2923



68.4810, 18.0039, 105.6952

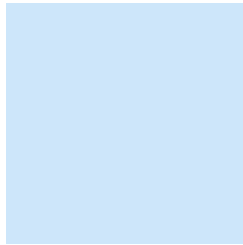


22.1150, 5.8593, 34.1021



# Previews

## White Background



This preview shows how the YUV color 224.8050, 12.4211, -17.3690 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

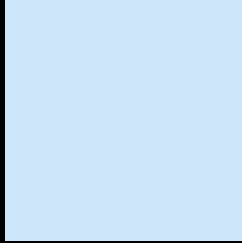
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 224.8050, 12.4211, -17.3690 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

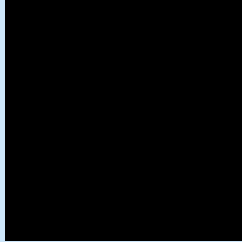
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

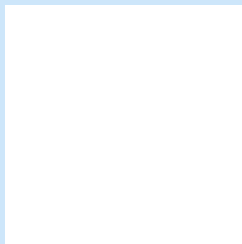
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 224.8050, 12.4211, -17.3690

## Background



This preview shows how black text looks on a background with the YUV color 224.8050, 12.4211, -17.3690.



This preview shows how white text looks on a background with the YUV color 224.8050, 12.4211, -17.3690.

-17.3690.

# 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

224.8050, 12.4211, -17.3690

### Protanopia

227.2090, 9.7570, -2.8143

### Deuteranopia

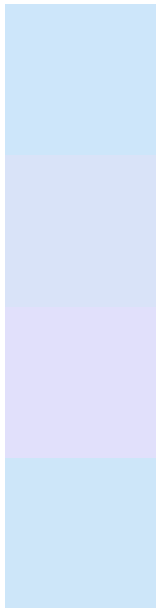
228.4320, 11.6190, 6.6371



## Tritanopia

224.6910, 11.9843, -17.2690

# Trichromacy



## Original Color

224.8050, 12.4211, -17.3690

## Protanomaly

226.4040, 10.6468, -8.2473

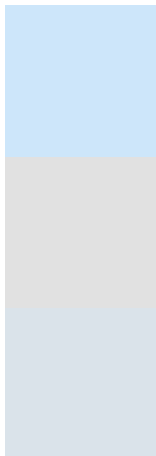
## Deuteranomaly

227.3770, 11.6461, -2.0846

## Tritanomaly

224.6910, 11.9843, -17.2690

# Monochromacy



## Original Color

224.8050, 12.4211, -17.3690

## Achromatopsia

225.0000, 0.0000, 0.0000

## Achromatomaly

225.1070, 4.3842, -6.2328

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 224.8050, 12.4211, -17.3690 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(205, 230, 250)` looks like.

```
.text, #text, p{  
    color:rgb(205, 230, 250)  
}
```

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(205, 230, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 230, 250) }
```

## Border

The CSS property to change the border of an element to YUV 224.8050, 12.4211, -17.3690 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(205, 230, 250) }
```



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

```
.border{ border-color:rgb(205, 230, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 230, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 230, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 230, 250);  
box-shadow:4px 4px 4px 4px rgb(205, 230,  
250) }
```

# Background

The CSS property to change the background color of an element to YUV 224.8050, 12.4211, -17.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 230, 250) }
```

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

```
.background{ background-color: rgb(205,  
230, 250) }
```

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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