

# Converting Colors

YUV(219.2040, 17.1544,  
-42.2749)

Have a look what the booklet for  
YUV(219.2040, 17.1544, -42.2749)  
contains.

<b>YUV(219.2040, 17.1544, -42.2749)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(219.2040, 17.1544,  
-42.2749)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABEDFE
RGB	171, 237, 254
RGB Percent	67%, 93%, 100%
CMY	0.3294, 0.0706, 0.0039
CMYK	0.33, 0.07, 0.00, 0.00
HSL	192°, 98%, 83%
HSV	192°, 33%, 100%
XYZ	64.9682, 76.3821, 105.0850
YIQ	219.2040, -44.7930, -8.7050

# Conversions

## Conversions Part 2

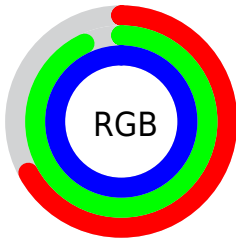
Format	Color
R <sub>Y</sub> B	171, 208, 254
Decimal	11267582
CIE Lab	90.04, -16.61, -14.83
CIE LCh	90, 22.264, 221.752
Yxy	76.3821, 0.2636, 0.3099
Android (android.graphics.Color)	4289457662 (0xFFABEDFE)
YUV	219.2040, 17.1544, -42.2749
Hunter-Lab	87.3968, -20.2529, -10.1118

# Details

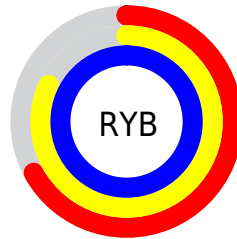
The YUV color **219.2040, 17.1544, -42.2749** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **205.7960, -17.1544, 42.2749**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.9270, 3.9800, -16.5990**, and **163.3890, 16.5702, -41.5602** is the 20% darker color. If you saturate the color by 10%, you get **208.7940, 22.2866, -55.0703**, and if you desaturate by 10%, it is **229.6140, 12.0223, -29.4795**.

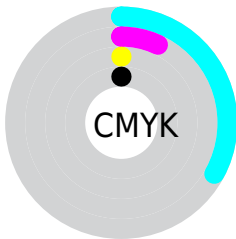
# Distribution



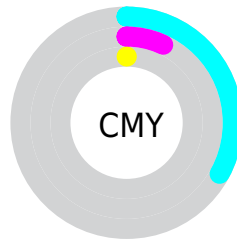
- Red (67%)
- Green (93%)
- Blue (100%)



- Red (67%)
- Yellow (82%)
- Blue (100%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 219.2040, 17.1544, -42.2749 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 219.2040, 17.1544, -42.2749 by changing the saturation by 10% instead.



■ 219.2040, 17.1544,  
-42.2749

■ 219.2040, 17.1544,  
-42.2749

255.0000, 0.0000,  
0.0000

■ 191.0900, 16.7176,  
-42.1749

■ 246.9270, 3.9800,  
-16.5990

■ 163.3890, 16.5702,  
-41.5602

■ 136.0900, 16.7176,  
-42.1749

■ 109.7910, 16.8650,  
-42.7897

■ 82.8830, 17.3127,  
-46.3784

■ 56.9750, 17.7603,  
-49.9671

■ 40.8520, 14.3700,

-35.8272

■ 25.3160, 10.6902,  
-22.2021

■ 4.2520, 11.2148,  
-3.7290

■ 219.2040, 17.1544,  
-42.2749

■ 219.2040, 17.1544,  
-42.2749

■ 208.7940, 22.2866,  
-55.0703

■ 229.6140, 12.0223,  
-29.4795

■ 198.0850, 27.5661,  
-68.4805

■ 240.3230, 6.7428,  
-16.0693

■ 187.0880, 32.9876,  
-80.7612

■ 251.3200, 1.3212,  
-3.7886

■ 176.3790, 38.2672,  
-94.1714

■ 254.8860, -0.4368,  
0.1000

■ 165.9690, 43.3993,  
-106.9668

■ 155.5590, 48.5314,  
-119.7622

■ 147.5300, 52.4897,  
-129.3838

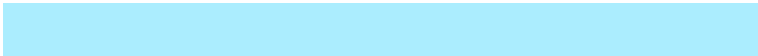
# Harmonies

## Analogous

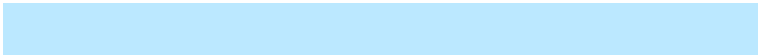
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.3970, 7.6923, -40.6902



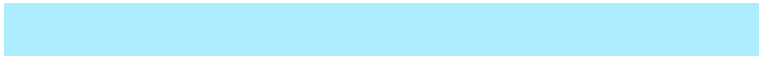
219.2040, 17.1544, -42.2749



221.1670, 16.6797, -29.9645

# Triad

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



219.2040, 17.1544, -42.2749



228.6360, 5.6025, 23.1212



224.8920, -19.6668, 7.9877

# Complementary

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



219.2040, 17.1544, -42.2749



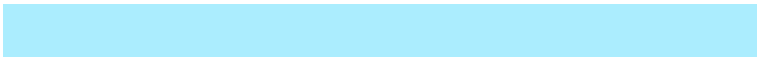
205.7960, -17.1544, 42.2749

# 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.



227.2900, -19.8630, 24.3017



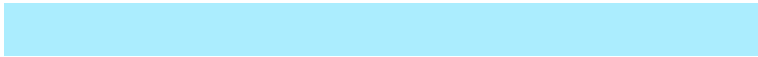
219.2040, 17.1544, -42.2749



225.6550, -3.2809, 25.7356

# Square

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



219.2040, 17.1544, -42.2749



229.0950, 12.7712, 10.4407



225.1360, -12.8850, 26.1907

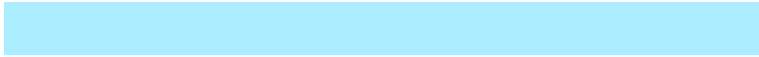


222.2640, -13.9342, -10.7555

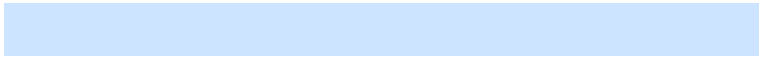


# Rectangle

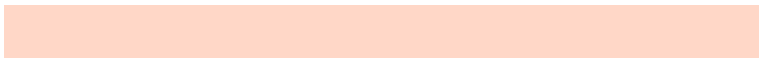
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



219.2040, 17.1544, -42.2749



223.9020, 15.3313, -17.4541



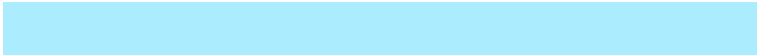
225.1360, -12.8850, 26.1907



225.4090, -20.4146, 14.5503

# Sweetspot

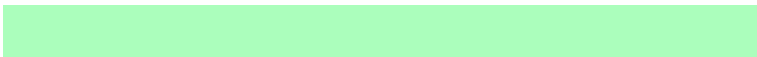
The Sweet Spot groups the original color and five complimentary colors.



219.2040, 17.1544, -42.2749



244.5900, 5.1321, -12.7954



221.6590, -16.5939, -44.4279



120.8680, 3.5161, -7.7772



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

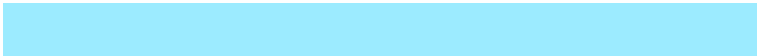


# Same Dimension

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



219.2040, 17.1544, -42.2749



213.6590, 20.3811, -50.5669



195.1370, 29.0195, -21.1681



122.3520, 2.7845, -6.4477



110.9980, 39.4410, -97.3452



37.2330, 13.1961, -32.6533



# Inverse Universe

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



203.3410, 16.5939, 44.4279



194.6070, 19.9137, 52.9647



229.8630, -29.0195, 21.1681



120.0270, 2.4517, 6.9923



74.4370, 38.2386, 102.2258

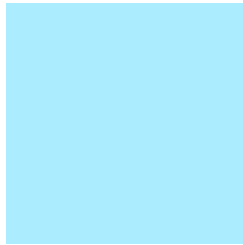


24.9500, 12.8427, 34.2468



# Previews

## White Background



This preview shows how the YUV color 219.2040, 17.1544, -42.2749 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

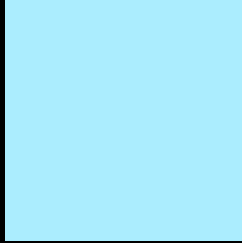
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 219.2040, 17.1544, -42.2749 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 219.2040, 17.1544, -42.2749

## Background



This preview shows how black text looks on a background with the YUV color 219.2040, 17.1544, -42.2749.



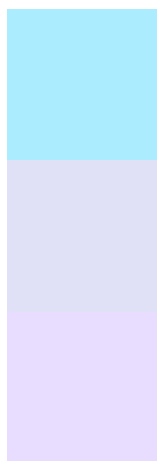
This preview shows how white text looks on a background with the YUV color 219.2040, 17.1544, -42.2749.

-42.2749.

# 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

219.2040, 17.1544, -42.2749

### Protanopia

226.5080, 9.6096, -2.1995

### Deuteranopia

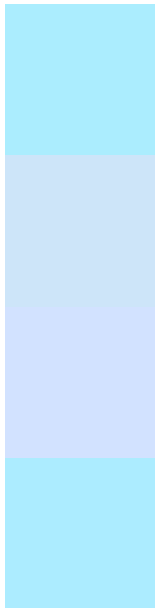
227.5780, 13.5190, 3.8781



## Tritanopia

219.3290, 17.5858, -40.6305

# Trichromacy



## Original Color

219.2040, 17.1544, -42.2749

## Protanomaly

224.1040, 12.2737, -16.7542

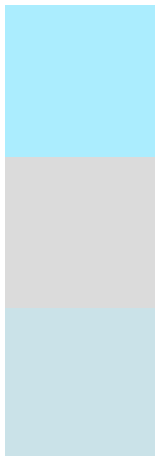
## Deuteranomaly

224.5220, 15.0257, -12.7358

## Tritanomaly

219.0300, 17.7332, -41.2453

# Monochromacy



## Original Color

219.2040, 17.1544, -42.2749

## Achromatopsia

219.0000, 0.0000, 0.0000

## Achromatomaly

219.5080, 6.1586, -15.3545

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 219.2040, 17.1544, -42.2749 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(171, 237, 254)` looks like.

```
.text, #text, p{  
    color:rgb(171, 237, 254)  
}
```

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(171, 237, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 237, 254) }
```

## Border

The CSS property to change the border of an element to YUV 219.2040, 17.1544, -42.2749 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(171, 237, 254) }
```



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

```
.border{ border-color:rgb(171, 237, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 237, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 237, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 237, 254);  
box-shadow:4px 4px 4px 4px rgb(171, 237,  
254) }
```

# Background

The CSS property to change the background color of an element to YUV 219.2040, 17.1544, -42.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 237, 254) }
```

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

```
.background{ background-color: rgb(171,  
237, 254) }
```

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