

Converting Colors

YUV(217.2040, 17.1544,
-42.2749)

Have a look what the booklet for
YUV(217.2040, 17.1544, -42.2749)
contains.

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Color

**YUV(217.2040, 17.1544,
-42.2749)**

Conversions

Conversions Part 1

Format	Color
Hex	A9EBFC
RGB	169, 235, 252
RGB Percent	66%, 92%, 99%
CMY	0.3373, 0.0784, 0.0118
CMYK	0.33, 0.07, 0.00, 0.01
HSL	192°, 93%, 83%
HSV	192°, 33%, 99%
XYZ	63.6412, 74.8800, 103.1945
YIQ	217.2040, -44.7930, -8.7050

Conversions

Conversions Part 2

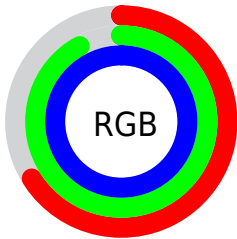
Format	Color
R _Y B	169, 206, 252
Decimal	11135996
CIE Lab	89.34, -16.61, -14.84
CIE LCh	89, 22.276, 221.773
Yxy	74.8800, 0.2633, 0.3098
Android (android.graphics.Color)	4289326076 (0xFFA9EBFC)
YUV	217.2040, 17.1544, -42.2749
Hunter-Lab	86.5332, -20.1545, -10.1326

Details

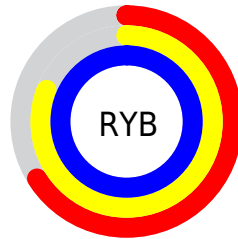
The YUV color **217.2040, 17.1544, -42.2749** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **203.7960, -17.1544, 42.2749**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.3290, 4.2748, -17.8285**, and **161.3890, 16.5702, -41.5602** is the 20% darker color. If you saturate the color by 10%, you get **206.7940, 22.2866, -55.0703**, and if you desaturate by 10%, it is **227.6140, 12.0223, -29.4795**.

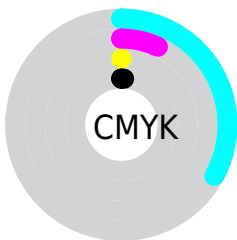
Distribution



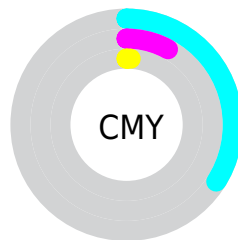
- Red (66%)
- Green (92%)
- Blue (99%)



- Red (66%)
- Yellow (81%)
- Blue (99%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)



- Cyan (34%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.2040, 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 217.2040, 17.1544, -42.2749 by changing the saturation by 10% instead.

■ 217.2040, 17.1544,
-42.2749

■ 217.2040, 17.1544,
-42.2749

255.0000, 0.0000,
0.0000

■ 189.0900, 16.7176,
-42.1749

■ 246.3290, 4.2748,
-17.8285

■ 161.3890, 16.5702,
-41.5602

■ 134.0900, 16.7176,
-42.1749

■ 107.7910, 16.8650,
-42.7897

■ 80.8830, 17.3127,
-46.3784

■ 55.6870, 17.9023,
-48.8375

■ 39.4500, 14.0752,

-34.5976

■ 24.6150, 10.5428,
-21.5874

■ 3.5510, 11.0674,
-3.1142

■ 217.2040, 17.1544,
-42.2749

■ 217.2040, 17.1544,
-42.2749

■ 206.7940, 22.2866,
-55.0703

■ 227.6140, 12.0223,
-29.4795

■ 196.3840, 27.4187,
-67.8658

■ 238.0240, 6.8902,
-16.6840

■ 185.6750, 32.6982,
-81.2760

■ 248.7330, 1.6106,
-3.2738

■ 174.6780, 38.1197,
-93.5566

■ 254.6580, -1.3104,
0.2999

■ 164.2680, 43.2519,
-106.3520

■ 153.8580, 48.3840,
-119.1475

■ 146.1280, 52.1949,
-128.1543

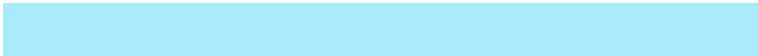
Harmonies

Analogous

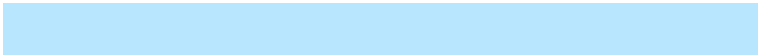
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216.3970, 7.6923, -40.6902



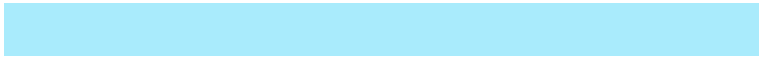
217.2040, 17.1544, -42.2749



219.3950, 17.5533, -30.1644

Triad

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



217.2040, 17.1544, -42.2749



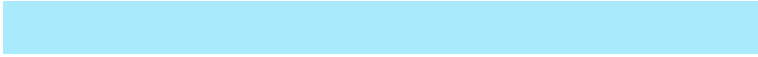
227.2340, 5.3076, 24.3508



222.8920, -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.



217.2040, 17.1544, -42.2749



203.7960, -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.



225.2900, -19.8630, 24.3017



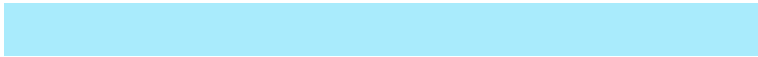
217.2040, 17.1544, -42.2749



224.2530, -3.5757, 26.9651

Square

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



217.2040, 17.1544, -42.2749



227.3230, 13.6448, 10.2407



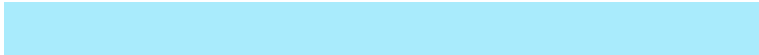
223.7340, -13.1799, 27.4203



220.2640, -13.9342, -10.7555

Rectangle

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



217.2040, 17.1544, -42.2749



222.1300, 16.2049, -17.6540



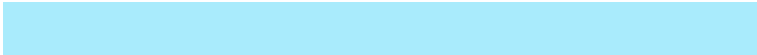
223.7340, -13.1799, 27.4203



223.4090, -20.4146, 14.5503

Sweetspot

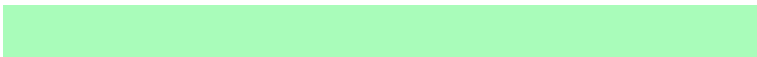
The Sweet Spot groups the original color and five complimentary colors.



217.2040, 17.1544, -42.2749



244.5900, 5.1321, -12.7954



219.6590, -16.5939, -44.4279



120.8680, 3.5161, -7.7772



0.0000, 0.0000, 0.0000



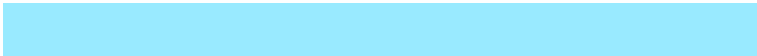
128.0000, 0.0000, 0.0000

Same Dimension

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



217.2040, 17.1544, -42.2749



212.1750, 21.1127, -51.8965



193.1370, 29.0195, -21.1681



119.3520, 2.7845, -6.4477



109.5960, 39.1462, -96.1157



35.7170, 12.4645, -31.3238

Inverse Universe

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



201.3410, 16.5939, 44.4279



192.7320, 20.3451, 54.6090



227.8630, -29.0195, 21.1681



117.0270, 2.4517, 6.9923



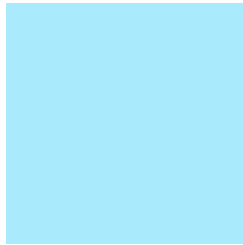
73.6110, 37.6598, 101.1962



23.8250, 12.4113, 32.6025

Previews

White Background



This preview shows how the YUV color 217.2040, 17.1544, -42.2749 looks on a white background.

Color Contrast Check

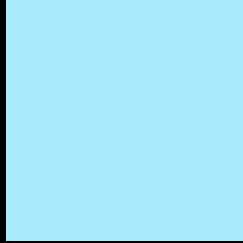
Large Text (above 18pt) WCAG AA × Fail

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 217.2040, 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 217.2040, 17.1544, -42.2749

Background



This preview shows how black text looks on a background with the YUV color 217.2040, 17.1544, -42.2749.



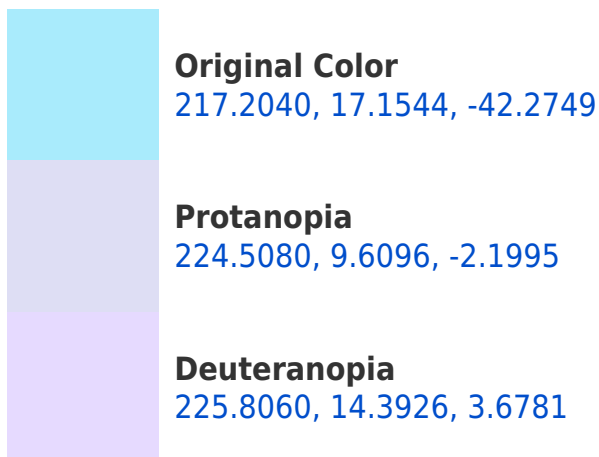
This preview shows how white text looks on a background with the YUV color 217.2040, 17.1544, -42.2749.

-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

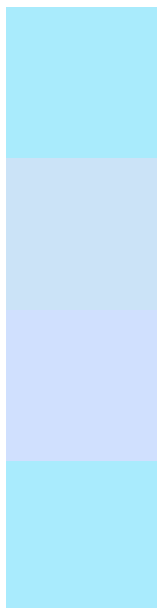




Tritanopia

217.4320, 18.0280, -42.4749

Trichromacy



Original Color

217.2040, 17.1544, -42.2749

Protanomaly

222.1040, 12.2737, -16.7542

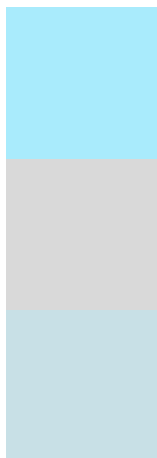
Deuteranomaly

222.6360, 15.4625, -12.8358

Tritanomaly

217.3180, 17.5912, -42.3749

Monochromacy



Original Color

217.2040, 17.1544, -42.2749

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.5080, 6.1586, -15.3545

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.2040, 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(169, 235, 252)` looks like.

```
.text, #text, p{  
    color:rgb(169, 235, 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(169, 235, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 235, 252) }
```

Border

The CSS property to change the border of an element to YUV 217.2040, 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(169, 235, 252) }
```


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

```
.border{ border-color:rgb(169, 235, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 235, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 235, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 235, 252);  
box-shadow:4px 4px 4px 4px rgb(169, 235,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 217.2040, 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(169, 235, 252) }
```

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

```
.background{ background-color: rgb(169,  
235, 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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