

Converting Colors

YUV(213.0080, 17.7441,
-44.7340)

Have a look what the booklet for
YUV(213.0080, 17.7441, -44.7340)
contains.

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Color

**YUV(213.0080, 17.7441,
-44.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	A2E8F9
RGB	162, 232, 249
RGB Percent	64%, 91%, 98%
CMY	0.3647, 0.0902, 0.0235
CMYK	0.35, 0.07, 0.00, 0.02
HSL	192°, 88%, 81%
HSV	192°, 35%, 98%
XYZ	60.8558, 72.2342, 100.3577
YIQ	213.0080, -47.1770, -9.5530

Conversions

Conversions Part 2

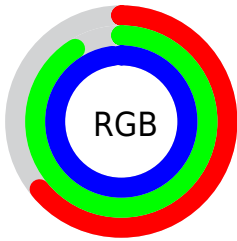
Format	Color
R _Y B	162, 201, 249
Decimal	10676473
CIE Lab	88.08, -17.68, -15.19
CIE LCh	88, 23.306, 220.666
Yxy	72.2342, 0.2607, 0.3094
Android (android.graphics.Color)	4288866553 (0xFFA2E8F9)
YUV	213.0080, 17.7441, -44.7340
Hunter-Lab	84.9907, -20.9225, -10.5166

Details

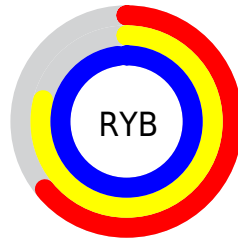
The YUV color **213.0080, 17.7441, -44.7340** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **197.9920, -17.7441, 44.7340**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.2360, 5.3067, -22.1320**, and **157.0080, 17.7441, -44.7340** is the 20% darker color. If you saturate the color by 10%, you get **202.5980, 22.8762, -57.5294**, and if you desaturate by 10%, it is **223.4180, 12.6119, -31.9386**.

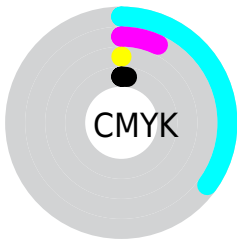
Distribution



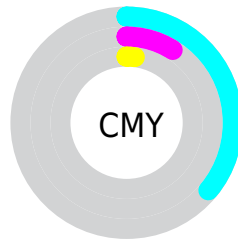
- Red (64%)
- Green (91%)
- Blue (98%)



- Red (64%)
- Yellow (79%)
- Blue (98%)



- Cyan (35%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (36%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.0080, 17.7441, -44.7340 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 213.0080, 17.7441, -44.7340 by changing the saturation by 10% instead.

213.0080, 17.7441,
-44.7340

213.0080, 17.7441,
-44.7340

255.0000, 0.0000,
0.0000

184.8940, 17.3073,
-44.6340

244.2360, 5.3067,
-22.1320

157.0080, 17.7441,
-44.7340

253.2060, 0.8844,
-3.6887

130.4810, 17.0179,
-45.1488

103.5840, 17.4601,
-46.9932

74.9960, 19.2290,
-54.3705

54.1710, 17.1707,
-47.5080

38.0480, 13.7803,

-33.3681

■ 23.0990, 9.8112,
-20.2578

■ 3.2090, 9.7570,
-2.8143

■ 213.0080, 17.7441,
-44.7340

■ 213.0080, 17.7441,
-44.7340

■ 202.5980, 22.8762,
-57.5294

■ 223.4180, 12.6119,
-31.9386

■ 192.1880, 28.0083,
-70.3249

■ 233.8280, 7.4798,
-19.1432

■ 181.7780, 33.1404,
-83.1203

■ 244.2380, 2.3477,
-6.3477

■ 171.9550, 37.9832,
-96.4305

■ 251.9680, -1.4632,
2.6591

■ 161.5450, 43.1153,
-109.2260

■ 254.3160, -2.6208,
0.5999

■ 151.4340, 48.1000,
-121.4066

■ 145.7860, 50.8845,
-127.8543

Harmonies

Analogous

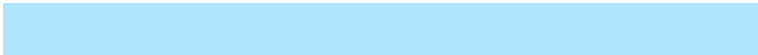
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212.3860, 7.6977, -42.4345



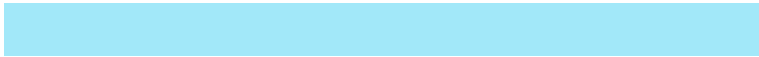
213.0080, 17.7441, -44.7340



215.5410, 19.4533, -32.9235

Triad

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



213.0080, 17.7441, -44.7340



224.6580, 5.5916, 26.6099



219.2620, -20.8352, 9.4172

Complementary

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



213.0080, 17.7441, -44.7340



197.9920, -17.7441, 44.7340

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.



221.7740, -20.5946, 25.6312



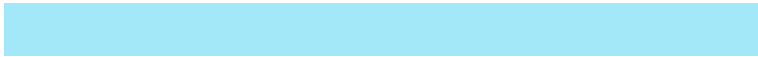
213.0080, 17.7441, -44.7340



220.9760, -3.4392, 29.8390

Square

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



213.0080, 17.7441, -44.7340



224.3660, 15.1026, 9.3260



220.3430, -13.4801, 30.3942



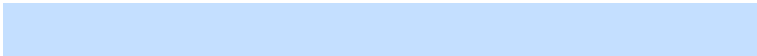
216.4490, -14.5184, -10.0408

Rectangle

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



213.0080, 17.7441, -44.7340



218.5750, 17.9575, -19.7983



220.3430, -13.4801, 30.3942



220.4800, -21.4356, 15.3650

Sweetspot

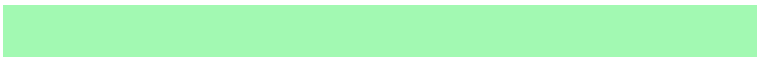
The Sweet Spot groups the original color and five complimentary colors.



213.0080, 17.7441, -44.7340



244.5900, 5.1321, -12.7954



214.8930, -18.1882, -46.3872



121.4550, 3.2267, -8.2920



0.0000, 0.0000, 0.0000



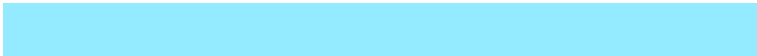
128.0000, 0.0000, 0.0000

Same Dimension

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



213.0080, 17.7441, -44.7340



210.6800, 21.8498, -54.9704



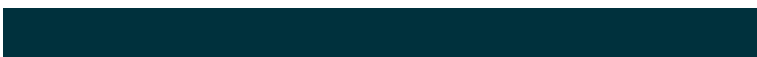
188.3540, 29.8985, -23.1125



119.9390, 2.4951, -6.9625



110.7700, 38.5674, -97.1453



35.7170, 12.4645, -31.3238

Inverse Universe

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



195.9930, 17.7515, 46.4871



189.7970, 21.7921, 57.1830



222.6460, -29.8985, 23.1125



117.1410, 2.8885, 6.8923



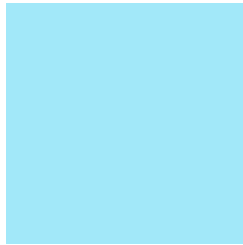
73.8390, 38.5334, 100.9962



23.8250, 12.4113, 32.6025

Previews

White Background



This preview shows how the YUV color 213.0080, 17.7441, -44.7340 looks on a white background.

Color Contrast Check

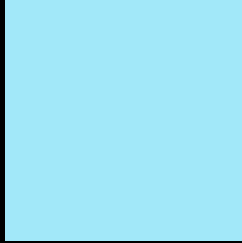
Large Text (above 18pt) WCAG AA × Fail

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 213.0080, 17.7441, -44.7340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

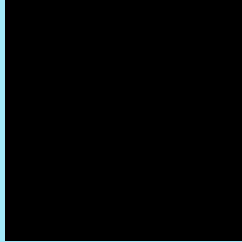
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.0080, 17.7441, -44.7340

Background



This preview shows how black text looks on a background with the YUV color 213.0080, 17.7441, -44.7340.



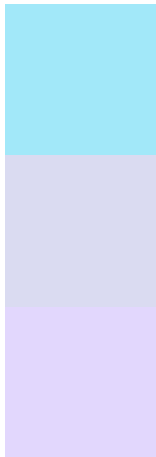
This preview shows how white text looks on a background with the YUV color 213.0080, 17.7441, -44.7340.

-44.7340.

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

213.0080, 17.7441, -44.7340

Protanopia

221.2090, 9.7570, -2.8143

Deuteranopia

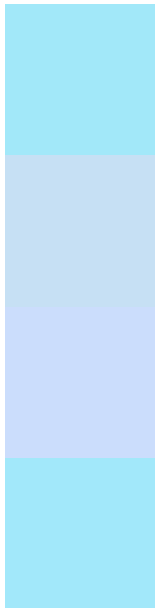
222.6210, 14.9768, 2.9634



Tritanopia

213.1220, 18.1809, -44.8340

Trichromacy



Original Color

213.0080, 17.7441, -44.7340

Protanomaly

218.5060, 12.5685, -17.9838

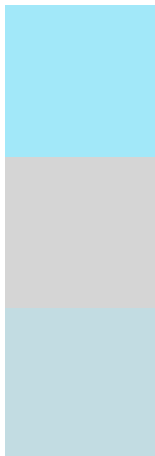
Deuteranomaly

219.1520, 16.1941, -14.1653

Tritanomaly

213.1220, 18.1809, -44.8340

Monochromacy



Original Color

213.0080, 17.7441, -44.7340

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.9100, 6.4534, -16.5841

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.0080, 17.7441, -44.7340 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(162, 232, 249)` looks like.

```
.text, #text, p{  
    color:rgb(162, 232, 249)  
}
```

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(162, 232, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 232, 249) }
```

Border

The CSS property to change the border of an element to YUV 213.0080, 17.7441, -44.7340 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(162, 232, 249) }
```


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

```
.border{ border-color:rgb(162, 232, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 232, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 232, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 232, 249);  
box-shadow:4px 4px 4px 4px rgb(162, 232,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 213.0080, 17.7441, -44.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 232, 249) }
```

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

```
.background{ background-color: rgb(162,  
232, 249) }
```

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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