

Converting Colors

YUV(213.2850, 17.6075,
-47.6079)

Have a look what the booklet for
YUV(213.2850, 17.6075, -47.6079)
contains.

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Color

**YUV(213.2850, 17.6075,
-47.6079)**

Conversions

Conversions Part 1

Format	Color
Hex	9FEAF9
RGB	159, 234, 249
RGB Percent	62%, 92%, 98%
CMY	0.3765, 0.0824, 0.0235
CMYK	0.36, 0.06, 0.00, 0.02
HSL	190°, 88%, 80%
HSV	190°, 36%, 98%
XYZ	60.8198, 73.0561, 100.5182
YIQ	213.2850, -49.5150, -11.2350

Conversions

Conversions Part 2

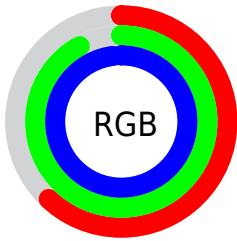
Format	Color
R _Y B	159, 200, 249
Decimal	10480377
CIE Lab	88.47, -19.46, -14.61
CIE LCh	88, 24.335, 216.906
Yxy	73.0561, 0.2595, 0.3117
Android (android.graphics.Color)	4288670457 (0xFF9FEAF9)
YUV	213.2850, 17.6075, -47.6079
Hunter-Lab	85.4729, -22.5626, -9.8955

Details

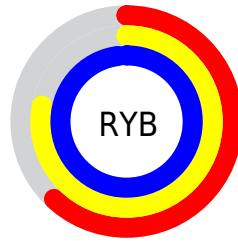
The YUV color $213.2850, 17.6075, -47.6079$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $194.7150, -17.6075, 47.6079$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.3390, 5.7489, -23.9763$, and $157.2850, 17.6075, -47.6079$ is the 20% darker color. If you saturate the color by 10%, you get $203.4620, 22.4502, -60.9182$, and if you desaturate by 10%, it is $223.1080, 12.7648, -34.2977$.

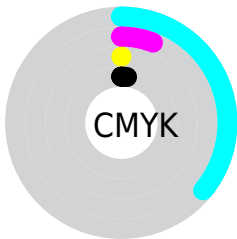
Distribution



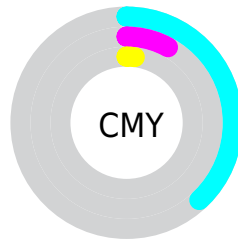
- Red (62%)
- Green (92%)
- Blue (98%)



- Red (62%)
- Yellow (78%)
- Blue (98%)



- Cyan (36%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (38%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.2850, 17.6075, -47.6079 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 213.2850, 17.6075, -47.6079 by changing the saturation by 10% instead.

■ 213.2850, 17.6075,
-47.6079

■ 213.2850, 17.6075,
-47.6079

255.0000, 0.0000,
0.0000

■ 185.1710, 17.1707,
-47.5080

■ 243.3390, 5.7489,
-23.9763

■ 157.2850, 17.6075,
-47.6079

■ 252.3090, 1.3267,
-5.5330

■ 129.8720, 17.3181,
-48.1227

■ 102.6760, 17.9077,
-50.5819

■ 71.6960, 20.8559,
-62.8774

■ 54.7580, 16.8813,
-48.0228

■ 38.6350, 13.4909,

-33.8829

■ 23.8000, 9.9586,
-20.8726

■ 3.3230, 10.1938,
-2.9143

■ 213.2850, 17.6075,
-47.6079

■ 213.2850, 17.6075,
-47.6079

■ 203.4620, 22.4502,
-60.9182

■ 223.1080, 12.7648,
-34.2977

■ 193.6390, 27.2930,
-74.2284

■ 232.9310, 7.9220,
-20.9875

■ 183.8160, 32.1357,
-87.5386

■ 242.7540, 3.0793,
-7.6773

■ 173.4060, 37.2678,
-100.3341

■ 251.9680, -1.4632,
2.6591

■ 163.5830, 42.1106,
-113.6443

■ 254.3160, -2.6208,
0.5999

■ 154.0590, 46.8059,
-126.3397

■ 149.8950, 48.8588,
-131.4579

Harmonies

Analogous

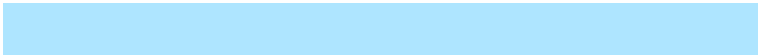
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.1470, 6.8295, -43.9789



213.2850, 17.6075, -47.6079



215.5190, 19.4641, -36.4122

Triad

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



213.2850, 17.6075, -47.6079



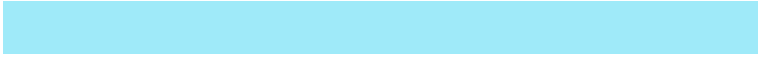
225.8150, 7.4862, 25.5952



220.3440, -21.8616, 11.9763

Complementary

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



213.2850, 17.6075, -47.6079



194.7150, -17.6075, 47.6079

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.



222.9700, -21.1842, 28.0903



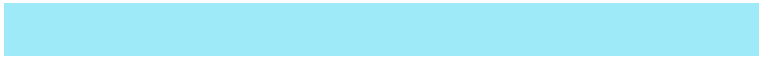
213.2850, 17.6075, -47.6079



221.9050, -2.4182, 29.0243

Square

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



213.2850, 17.6075, -47.6079



224.3550, 15.1080, 7.5817



220.5710, -12.6065, 30.1942



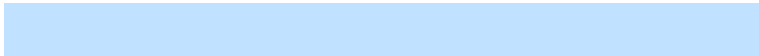
217.7050, -16.1236, -8.5113

Rectangle

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



213.2850, 17.6075, -47.6079



218.5530, 17.9684, -23.2870



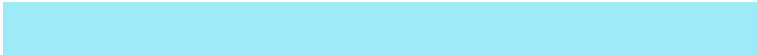
220.5710, -12.6065, 30.1942



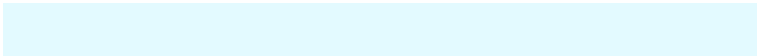
221.5620, -22.4621, 17.9241

Sweetspot

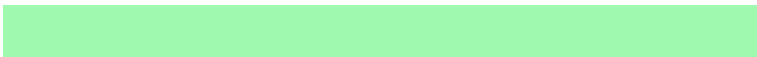
The Sweet Spot groups the original color and five complimentary colors.



213.2850, 17.6075, -47.6079



243.6930, 5.5744, -14.6398



213.5400, -19.4932, -47.8316



121.1560, 3.3741, -8.9068



0.0000, 0.0000, 0.0000



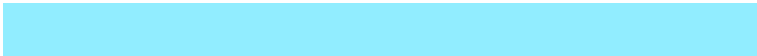
128.0000, 0.0000, 0.0000

Same Dimension

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



213.2850, 17.6075, -47.6079



211.5440, 21.4238, -58.3591



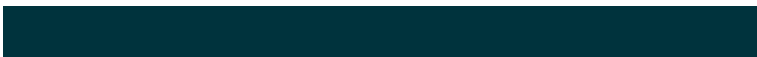
186.8700, 30.6301, -24.4420



119.9390, 2.4951, -6.9625



113.7050, 37.1204, -99.7193



36.8910, 11.8857, -32.3534

Inverse Universe

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



194.4600, 19.4932, 47.8316



188.3780, 23.9706, 58.4275



221.1300, -30.6301, 24.4420



117.1410, 2.8885, 6.8923



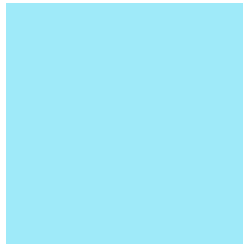
74.4090, 40.7174, 100.4963



24.0530, 13.2849, 32.4025

Previews

White Background



This preview shows how the YUV color 213.2850, 17.6075, -47.6079 looks on a white background.

Color Contrast Check

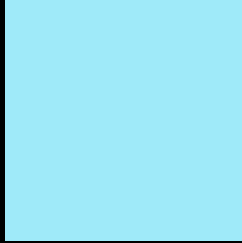
Large Text (above 18pt) WCAG AA × Fail

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 213.2850, 17.6075, -47.6079 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 213.2850, 17.6075, -47.6079

Background



This preview shows how black text looks on a background with the YUV color 213.2850, 17.6075, -47.6079.



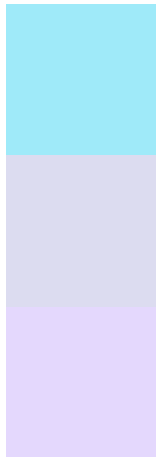
This preview shows how white text looks on a background with the YUV color 213.2850, 17.6075, -47.6079.

-47.6079.

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

213.2850, 17.6075, -47.6079

Protanopia

222.2800, 8.7360, -1.9996

Deuteranopia

223.8060, 14.3926, 3.6781



Tritanopia

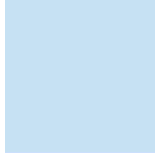
213.3390, 19.0599, -46.7783

Trichromacy



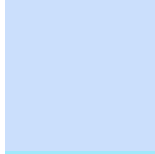
Original Color

213.2850, 17.6075, -47.6079



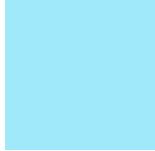
Protanomaly

218.9790, 11.8424, -18.3986



Deuteranomaly

220.3260, 15.6153, -15.1949



Tritanomaly

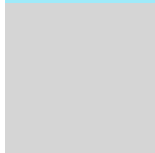
213.2250, 18.6231, -46.6783

Monochromacy



Original Color

213.2850, 17.6075, -47.6079



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

213.1980, 6.3114, -17.7136

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.2850, 17.6075, -47.6079 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(159, 234, 249)` looks like.

```
.text, #text, p{  
    color:rgb(159, 234, 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(159, 234, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 234, 249) }
```

Border

The CSS property to change the border of an element to YUV 213.2850, 17.6075, -47.6079 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(159, 234, 249) }
```


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

```
.border{ border-color:rgb(159, 234, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 234, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 234, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 234, 249);  
box-shadow:4px 4px 4px 4px rgb(159, 234,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 213.2850, 17.6075, -47.6079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 234, 249) }
```

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

```
.background{ background-color: rgb(159,  
234, 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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