

Converting Colors

YUV(213.6810, 20.3703,
-47.0782)

Have a look what the booklet for
YUV(213.6810, 20.3703, -47.0782)
contains.

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Color

**YUV(213.6810, 20.3703,
-47.0782)**

Conversions

Conversions Part 1

Format	Color
Hex	A0E9FF
RGB	160, 233, 255
RGB Percent	63%, 91%, 100%
CMY	0.3725, 0.0863, 0.0000
CMYK	0.37, 0.09, 0.00, 0.00
HSL	194°, 100%, 81%
HSV	194°, 37%, 100%
XYZ	61.6861, 72.9714, 105.4414
YIQ	213.6810, -50.5700, -8.6340

Conversions

Conversions Part 2

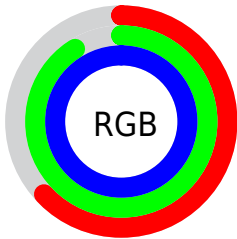
Format	Color
RYB	160, 201, 255
Decimal	10545663
CIELab	88.43, -17.25, -17.81
CIELCh	88, 24.794, 225.921
Yxy	72.9714, 0.2569, 0.3039
Android (android.graphics.Color)	4288735743 (0xFFA0E9FF)
YUV	213.6810, 20.3703, -47.0782
Hunter-Lab	85.4233, -20.5919, -13.3877

Details

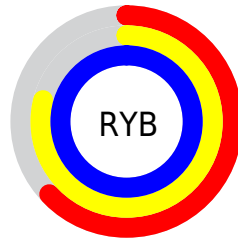
The YUV color **213.6810, 20.3703, -47.0782** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **201.3190, -20.3703, 47.0782**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.9370, 5.4541, -22.7467**, and **157.5670, 19.9335, -46.9783** is the 20% darker color. If you saturate the color by 10%, you get **202.3850, 25.9392, -59.9736**, and if you desaturate by 10%, it is **224.9770, 14.8013, -34.1828**.

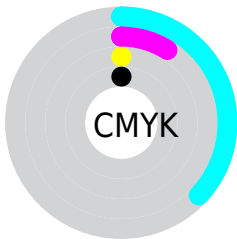
Distribution



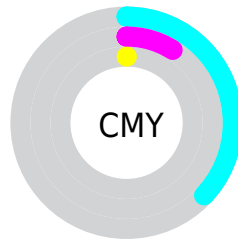
- Red (63%)
- Green (91%)
- Blue (100%)



- Red (63%)
- Yellow (79%)
- Blue (100%)



- Cyan (37%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.6810, 20.3703, -47.0782 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 213.6810, 20.3703, -47.0782 by changing the saturation by 10% instead.

■ 213.6810, 20.3703,
-47.0782

■ 213.6810, 20.3703,
-47.0782

255.0000, 0.0000,
0.0000

■ 185.5670, 19.9335,
-46.9783

■ 243.9370, 5.4541,
-22.7467

■ 157.5670, 19.9335,
-46.9783

■ 252.6080, 1.1793,
-4.9182

■ 130.2680, 20.0809,
-47.5930

■ 103.2460, 20.0917,
-51.0817

■ 71.6790, 23.3293,
-62.8625

■ 54.7410, 19.3547,
-48.0079

■ 39.0910, 15.2381,

-34.2828

■ 24.2560, 11.7058,
-21.2725

■ 3.6650, 11.5042,
-3.2142

■ 213.6810, 20.3703,
-47.0782

■ 213.6810, 20.3703,
-47.0782

■ 202.3850, 25.9392,
-59.9736

■ 224.9770, 14.8013,
-34.1828

■ 191.3880, 31.3607,
-72.2543

■ 235.9740, 9.3798,
-21.9022

■ 180.3910, 36.7822,
-84.5349

■ 247.2700, 3.8109,
-9.0068

■ 169.0950, 42.3512,
-97.4303

■ 255.0000, 0.0000,
0.0000

■ 158.0980, 47.7727,
-109.7109

■ 147.3890, 53.0522,
-123.1212

■ 144.1220, 54.6629,
-126.3950

Harmonies

Analogous

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



212.7490, 10.4767, -47.1379



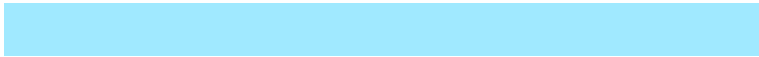
213.6810, 20.3703, -47.0782



216.4380, 19.0111, -31.0791

Triad

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



213.6810, 20.3703, -47.0782



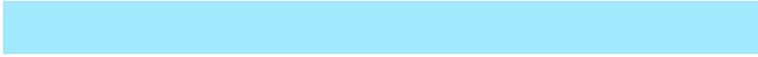
223.8430, 5.0074, 27.3247



219.4250, -21.4085, 6.6433

Complementary

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



213.6810, 20.3703, -47.0782



201.3190, -20.3703, 47.0782

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.



222.3070, -22.3364, 24.2868



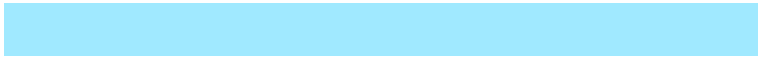
213.6810, 20.3703, -47.0782



220.5200, -5.1864, 30.2390

Square

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



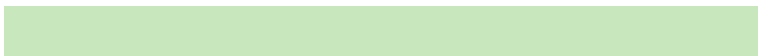
213.6810, 20.3703, -47.0782



225.5730, 14.5075, 13.5295



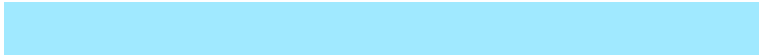
220.4740, -15.5167, 30.2793



216.9430, -13.7759, -14.8590

Rectangle

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



213.6810, 20.3703, -47.0782



219.4830, 17.5099, -16.2096



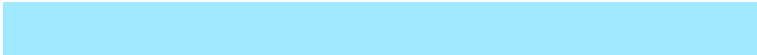
220.4740, -15.5167, 30.2793



220.5290, -22.4458, 12.6911

Sweetspot

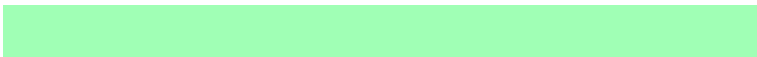
The Sweet Spot groups the original color and five complimentary colors.



213.6810, 20.3703, -47.0782



243.1060, 5.8637, -14.1250



218.1590, -18.3194, -51.0054



120.5690, 3.6635, -8.3920



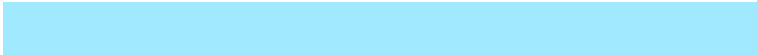
0.0000, 0.0000, 0.0000



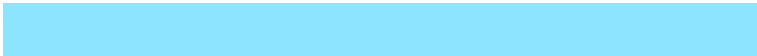
128.0000, 0.0000, 0.0000

Same Dimension

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



213.6810, 20.3703, -47.0782



204.7660, 24.7654, -56.7998



186.6790, 33.6823, -23.3975



122.3520, 2.7845, -6.4477



108.0630, 40.8879, -94.7713



36.0590, 13.7749, -31.6237

Inverse Universe

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



196.7270, 17.8826, 51.1054



184.4170, 21.4864, 61.9013



228.3210, -33.6823, 23.3975



120.0270, 2.4517, 6.9923



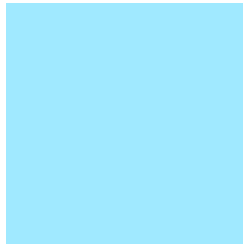
73.8670, 36.0546, 102.7256



24.7220, 11.9691, 34.4468

Previews

White Background



This preview shows how the YUV color 213.6810, 20.3703, -47.0782 looks on a white background.

Color Contrast Check

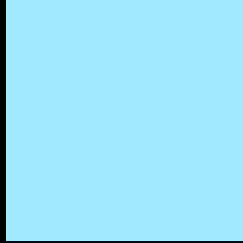
Large Text (above 18pt) WCAG AA × Fail

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 213.6810, 20.3703, -47.0782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

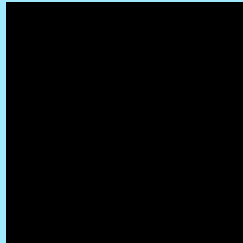
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.6810, 20.3703, -47.0782

Background



This preview shows how black text looks on a background with the YUV color 213.6810, 20.3703, -47.0782.



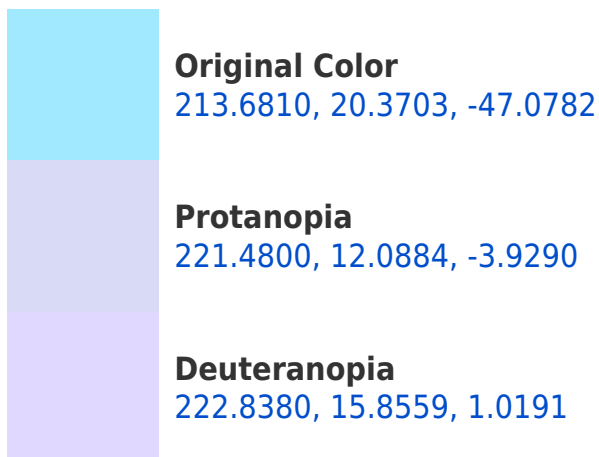
This preview shows how white text looks on a background with the YUV color 213.6810, 20.3703, -47.0782.

-47.0782.

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

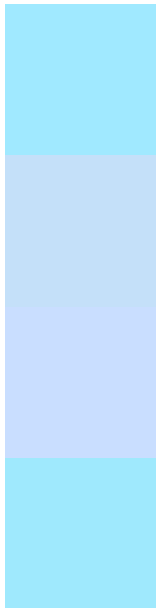




Tritanopia

213.0400, 19.2073, -47.3931

Trichromacy



Original Color

213.6810, 20.3703, -47.0782

Protanomaly

218.4780, 15.0473, -19.7132

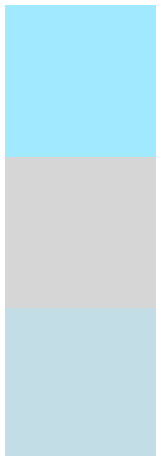
Deuteranomaly

219.4830, 17.5099, -16.2096

Tritanomaly

213.1540, 19.6441, -47.4931

Monochromacy



Original Color

213.6810, 20.3703, -47.0782

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.8390, 7.4744, -17.3988

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.6810, 20.3703, -47.0782 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(160, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 233, 255)  
}
```

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(160, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 233, 255) }
```

Border

The CSS property to change the border of an element to YUV 213.6810, 20.3703, -47.0782 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(160, 233, 255) }
```


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

```
.border{ border-color:rgb(160, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(160, 233,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 213.6810, 20.3703, -47.0782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 233, 255) }
```

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

```
.background{ background-color: rgb(160,  
233, 255) }
```

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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