

Converting Colors

YUV(214.5470, 13.5343,
-47.8377)

Have a look what the booklet for
YUV(214.5470, 13.5343, -47.8377)
contains.

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Color

**YUV(214.5470, 13.5343,
-47.8377)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A0EDF2 |
| RGB | 160, 237, 242 |
| RGB Percent | 63%, 93%, 95% |
| CMY | 0.3725, 0.0706, 0.0510 |
| CMYK | 0.34, 0.02, 0.00, 0.05 |
| HSL | 184°, 76%, 79% |
| HSV | 184°, 34%, 95% |
| XYZ | 60.8084, 74.4528, 95.1703 |
| YIQ | 214.5470, -47.4970, -14.7690 |

Conversions

Conversions Part 2

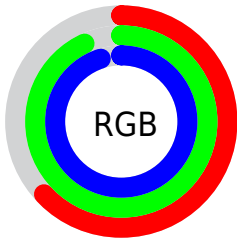
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 160, 200, 242 |
| Decimal | 10546674 |
| CIE Lab | 89.14, -22.34, -9.96 |
| CIE LCh | 89, 24.455, 204.023 |
| Yxy | 74.4528, 0.2639, 0.3231 |
| Android (android.graphics.Color) | 4288736754 (0xFFA0EDF2) |
| YUV | 214.5470, 13.5343, -47.8377 |
| Hunter-Lab | 86.2860, -25.2061, -4.9945 |

Details

The YUV color $214.5470, 13.5343, -47.8377$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $187.4530, -13.5343, 47.8377$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.6380, 5.6015, -23.3615$, and $158.5470, 13.5343, -47.8377$ is the 20% darker color. If you saturate the color by 10%, you get $206.7840, 17.3615, -62.0776$, and if you desaturate by 10%, it is $222.3100, 9.7072, -33.5979$.

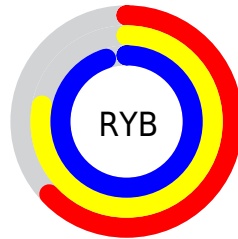
Distribution



Red (63%)

Green (93%)

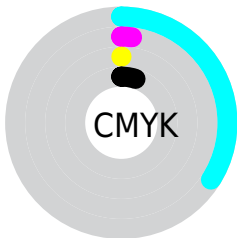
Blue (95%)



Red (63%)

Yellow (78%)

Blue (95%)

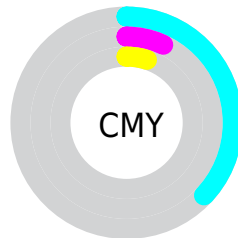


Cyan (34%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (37%)

Magenta (7%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.5470, 13.5343, -47.8377 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 214.5470, 13.5343, -47.8377 by changing the saturation by 10% instead.

214.5470, 13.5343,
-47.8377

214.5470, 13.5343,
-47.8377

255.0000, 0.0000,
0.0000

186.5470, 13.5343,
-47.8377

243.6380, 5.6015,
-23.3615

158.5470, 13.5343,
-47.8377

252.6080, 1.1793,
-4.9182

131.5470, 13.5343,
-47.8377

104.6500, 13.9765,
-49.6821

75.1650, 16.1877,
-58.9037

55.2480, 13.6817,
-48.4525

39.1250, 10.2914,

-34.3126

■ 24.4040, 7.1958,
-21.4023

■ 2.6390, 7.5730,
-2.3144

■ 214.5470, 13.5343,
-47.8377

■ 214.5470, 13.5343,
-47.8377

■ 206.7840, 17.3615,
-62.0776

■ 222.3100, 9.7072,
-33.5979

■ 198.4340, 21.4780,
-75.8026

■ 230.6600, 5.5906,
-19.8728

■ 190.3720, 25.4526,
-90.6572

■ 238.7220, 1.6161,
-5.0182

■ 182.0220, 29.5692,
-104.3823

■ 246.4740, -2.2057,
7.4773

■ 174.2590, 33.3963,
-118.6221

■ 247.0610, -2.4951,
6.9625

■ 165.9090, 37.5129,
-132.3472

■ 248.2350, -3.0739,
5.9329

■ 160.8370, 40.0134,
-141.0540

■ 248.8220, -3.3632,
5.4181

■ 249.9960, -3.9420,
4.3885

■ 250.5830, -4.2314,
3.8737

Harmonies

Analogous

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



215.3990, 1.2823, -38.0609



214.5470, 13.5343, -47.8377



216.3610, 19.0490, -43.2896

Triad

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



214.5470, 13.5343, -47.8377



227.9220, 11.8705, 19.3624



223.5730, -22.4675, 19.6685

Complementary

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



214.5470, 13.5343, -47.8377



187.4530, -13.5343, 47.8377

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.



222.5940, -17.5478, 28.4201



214.5470, 13.5343, -47.8377



224.5610, 2.6814, 26.6950

Square

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



214.5470, 13.5343, -47.8377



224.5880, 14.9931, -2.2697



221.8250, -7.8017, 29.0945



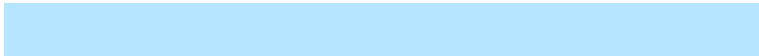
220.8480, -19.6451, 1.0103

Rectangle

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



214.5470, 13.5343, -47.8377



218.4980, 17.9955, -32.0087



221.8250, -7.8017, 29.0945



224.1330, -21.7576, 25.3164

Sweetspot

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



214.5470, 13.5343, -47.8377



246.3510, 4.2640, -14.3398



208.5900, -21.9829, -42.6134



122.6290, 2.6479, -9.3216



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.



214.5470, 13.5343, -47.8377



220.0830, 17.2141, -61.4628



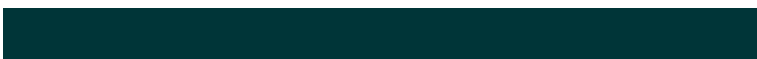
191.0670, 25.1100, -27.2458



115.8250, 2.0583, -6.8625



121.9400, 30.5956, -106.9414



37.4950, 9.1230, -32.8831

Inverse Universe

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



193.2960, 21.5461, 42.7134



192.6810, 27.7653, 54.6538



210.9330, -25.1100, 27.2458



112.8420, 3.0359, 6.2776



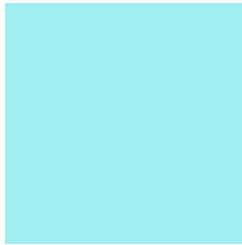
74.6240, 48.0064, 95.9228



22.7860, 14.8955, 29.1287

Previews

White Background



This preview shows how the YUV color 214.5470, 13.5343, -47.8377 looks on a white background.

Color Contrast Check

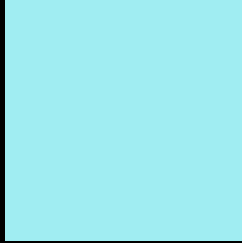
Large Text (above 18pt) WCAG AA × Fail

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 214.5470, 13.5343, -47.8377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

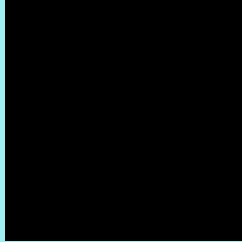
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.5470, 13.5343, -47.8377

Background



This preview shows how black text looks on a background with the YUV color 214.5470, 13.5343, -47.8377.



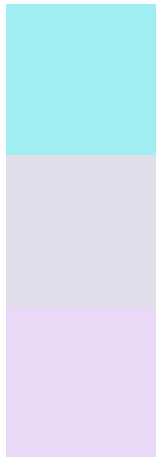
This preview shows how white text looks on a background with the YUV color 214.5470, 13.5343, -47.8377.

-47.8377.

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

214.5470, 13.5343, -47.8377

Protanopia

223.8520, 4.5100, 0.1298

Deuteranopia

225.3890, 10.1612, 7.5518



Tritanopia

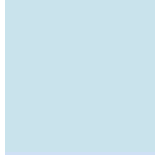
215.6380, 18.9125, -46.1635

Trichromacy



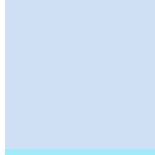
Original Color

214.5470, 13.5343, -47.8377



Protanomaly

220.2520, 7.7638, -16.8840



Deuteranomaly

221.3110, 11.6787, -12.5507



Tritanomaly

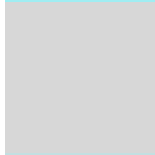
215.4700, 17.0233, -46.8932

Monochromacy



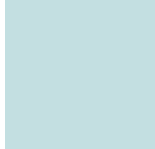
Original Color

214.5470, 13.5343, -47.8377



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

214.8560, 5.0010, -17.4137

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.5470, 13.5343, -47.8377 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, 237, 242)` looks like.

```
.text, #text, p{  
    color:rgb(160, 237, 242)  
}
```

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, 237, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 237, 242) }
```

Border

The CSS property to change the border of an element to YUV 214.5470, 13.5343, -47.8377 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, 237, 242) }
```


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

```
.border{ border-color:rgb(160, 237, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 237, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 237, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 237, 242);  
box-shadow:4px 4px 4px 4px rgb(160, 237,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 214.5470, 13.5343, -47.8377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 237, 242) }
```

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

```
.background{ background-color: rgb(160,  
237, 242) }
```

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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