

Converting Colors

YUV(213.5040, 15.5275,
-33.7680)

Have a look what the booklet for
YUV(213.5040, 15.5275, -33.7680)
contains.

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Color

**YUV(213.5040, 15.5275,
-33.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE3F5
RGB	175, 227, 245
RGB Percent	69%, 89%, 96%
CMY	0.3137, 0.1098, 0.0392
CMYK	0.29, 0.07, 0.00, 0.04
HSL	195°, 78%, 82%
HSV	195°, 29%, 96%
XYZ	61.6297, 70.6447, 96.7738
YIQ	213.5040, -36.7700, -5.4260

Conversions

Conversions Part 2

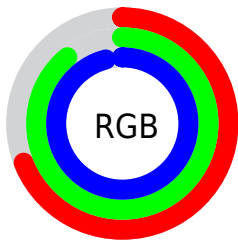
Format	Color
RYB	175, 205, 245
Decimal	11527157
CIELab	87.31, -12.54, -14.17
CIELCh	87, 18.923, 228.480
Yxy	70.6447, 0.2691, 0.3084
Android (android.graphics.Color)	4289717237 (0xFFAFE3F5)
YUV	213.5040, 15.5275, -33.7680
Hunter-Lab	84.0504, -16.2036, -9.4299

Details

The YUV color $213.5040, 15.5275, -33.7680$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $206.4960, -15.5275, 33.7680$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1230, 3.3904, -14.1399$, and $158.3900, 15.0907, -33.6680$ is the 20% darker color. If you saturate the color by 10%, you get $202.5070, 20.9490, -46.0486$, and if you desaturate by 10%, it is $224.5010, 10.1060, -21.4874$.

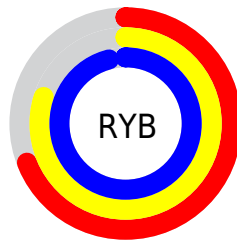
Distribution



Red (69%)

Green (89%)

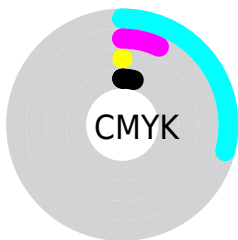
Blue (96%)



Red (69%)

Yellow (80%)

Blue (96%)

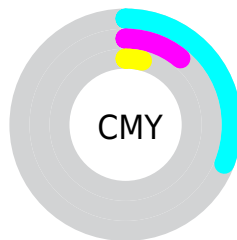


Cyan (29%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (31%)

Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.5040, 15.5275, -33.7680 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 213.5040, 15.5275, -33.7680 by changing the saturation by 10% instead.

■ 213.5040, 15.5275,
-33.7680

■ 213.5040, 15.5275,
-33.7680

255.0000, 0.0000,
0.0000

■ 185.5040, 15.5275,
-33.7680

■ 248.1230, 3.3904,
-14.1399

■ 158.3900, 15.0907,
-33.6680

■ 131.6890, 14.9433,
-33.0533

■ 105.5750, 14.5065,
-32.9533

■ 80.5640, 14.5119,
-34.6976

■ 53.8730, 15.8386,
-40.2306

■ 35.2440, 13.1907,

-30.9090

■ 21.1100, 9.8058,
-18.5135

■ 2.8670, 8.4466,
-2.5144

■ 213.5040, 15.5275,
-33.7680

■ 213.5040, 15.5275,
-33.7680

■ 202.5070, 20.9490,
-46.0486

■ 224.5010, 10.1060,
-21.4874

■ 191.2220, 26.5126,
-57.1997

■ 235.7860, 4.5425,
-10.3363

■ 180.5240, 31.7867,
-68.8655

■ 246.7830, -0.8790,
1.9443

■ 169.5270, 37.2082,
-81.1462

■ 252.0990, -3.4998,
2.5442

■ 157.9430, 42.9191,
-92.9120

■ 253.8600, -4.3680,
0.9998

■ 147.2450, 48.1932,
-104.5779

■ 136.2480, 53.6147,
-116.8585

■ 134.7640, 54.3463,
-118.1880

Harmonies

Analogous

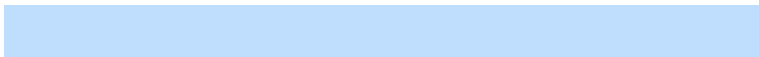
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



211.9570, 8.4022, -35.0423



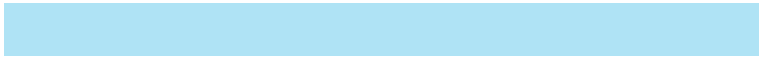
213.5040, 15.5275, -33.7680



216.2650, 18.1104, -22.1574

Triad

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



213.5040, 15.5275, -33.7680



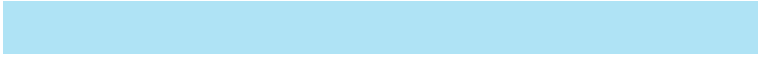
222.3220, 1.8133, 25.1506



216.8960, -15.7247, 3.5992

Complementary

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



213.5040, 15.5275, -33.7680



206.4960, -15.5275, 33.7680

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.



218.9410, -17.2259, 18.4687



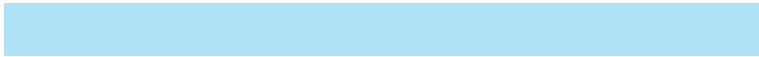
213.5040, 15.5275, -33.7680



221.4660, -6.6387, 29.4093

Square

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



213.5040, 15.5275, -33.7680



221.8240, 10.4398, 11.5554



220.9190, -13.7641, 28.1350



214.6920, -9.7082, -12.8849

Rectangle

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



213.5040, 15.5275, -33.7680



218.8040, 17.3516, -12.1061



220.9190, -13.7641, 28.1350



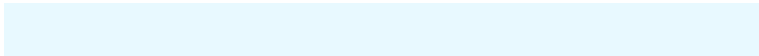
217.5870, -17.0514, 9.1322

Sweetspot

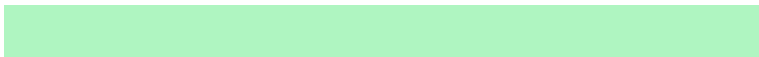
The Sweet Spot groups the original color and five complimentary colors.



213.5040, 15.5275, -33.7680



244.6010, 5.1267, -11.0511



218.1420, -12.3950, -37.8355



121.1670, 3.3687, -7.1625



0.0000, 0.0000, 0.0000



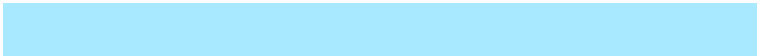
128.0000, 0.0000, 0.0000

Same Dimension

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



213.5040, 15.5275, -33.7680



216.0730, 19.1910, -42.1600



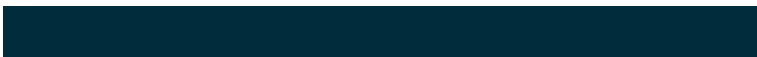
193.5460, 25.3668, -16.2648



116.6510, 2.6371, -5.8329



102.2100, 41.3085, -89.6382



32.5540, 13.0379, -28.5499

Inverse Universe

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



201.8580, 12.3950, 37.8355



201.4230, 15.5675, 46.9870



227.0410, -25.6562, 15.7500



114.6140, 2.1623, 6.4775



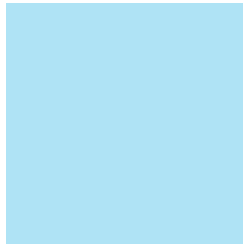
71.3460, 32.8604, 100.5516



22.6570, 10.5221, 31.8728

Previews

White Background



This preview shows how the YUV color 213.5040, 15.5275, -33.7680 looks on a white background.

Color Contrast Check

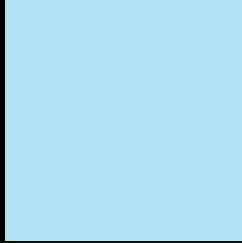
Large Text (above 18pt) WCAG AA × Fail

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 213.5040, 15.5275, -33.7680 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 213.5040, 15.5275, -33.7680

Background



This preview shows how black text looks on a background with the YUV color 213.5040, 15.5275, -33.7680.



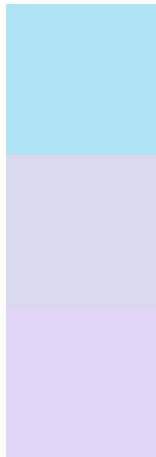
This preview shows how white text looks on a background with the YUV color 213.5040, 15.5275, -33.7680.

-33.7680.

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

213.5040, 15.5275, -33.7680

Protanopia

219.0950, 9.3202, -2.7143

Deuteranopia

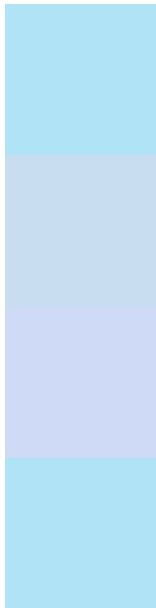
220.5780, 13.5190, 3.8781



Tritanopia

213.5040, 15.5275, -33.7680

Trichromacy



Original Color

213.5040, 15.5275, -33.7680

Protanomaly

217.3000, 11.6841, -14.2951

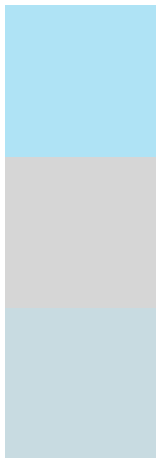
Deuteranomaly

218.0170, 14.2886, -9.6619

Tritanomaly

213.5040, 15.5275, -33.7680

Monochromacy



Original Color

213.5040, 15.5275, -33.7680

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.0030, 5.4215, -12.2806

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.5040, 15.5275, -33.7680 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(175, 227, 245)` looks like.

```
.text, #text, p{  
    color:rgb(175, 227, 245)  
}
```

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(175, 227, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 227, 245) }
```

Border

The CSS property to change the border of an element to YUV 213.5040, 15.5275, -33.7680 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(175, 227, 245) }
```


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

```
.border{ border-color:rgb(175, 227, 245) }
```

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

Here you see how a box with a 4 pixel rgb(175, 227, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 227, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 227, 245);  
box-shadow:4px 4px 4px 4px rgb(175, 227,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 213.5040, 15.5275, -33.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 227, 245) }
```

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

```
.background{ background-color: rgb(175,  
227, 245) }
```

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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