

Converting Colors

YUV(213.7660, 11.4544,
-33.9978)

Have a look what the booklet for
YUV(213.7660, 11.4544, -33.9978)
contains.

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Color

**YUV(213.7660, 11.4544,
-33.9978)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE5ED
RGB	175, 229, 237
RGB Percent	69%, 90%, 93%
CMY	0.3137, 0.1020, 0.0706
CMYK	0.26, 0.03, 0.00, 0.07
HSL	188°, 63%, 81%
HSV	188°, 26%, 93%
XYZ	60.9846, 71.2670, 90.6624
YIQ	213.7660, -34.7520, -8.9600

Conversions

Conversions Part 2

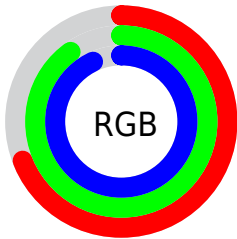
Format	Color
R_{YB}	175, 204, 237
Decimal	11527661
CIE _{Lab}	87.61, -15.36, -9.51
CIE _{LCh}	88, 18.069, 211.760
Yxy	71.2670, 0.2736, 0.3197
Android (android.graphics.Color)	4289717741 (0xFFAFE5ED)
YUV	213.7660, 11.4544, -33.9978
Hunter-Lab	84.4198, -18.7868, -4.5805

Details

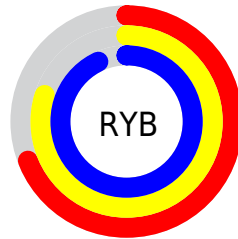
The YUV color $213.7660, 11.4544, -33.9978$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $198.2340, -11.4544, 33.9978$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1230, 3.3904, -14.1399$, and $158.3640, 11.1595, -32.7682$ is the 20% darker color. If you saturate the color by 10%, you get $204.8290, 15.8603, -47.2080$, and if you desaturate by 10%, it is $222.7030, 7.0484, -20.7875$.

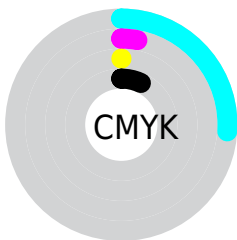
Distribution



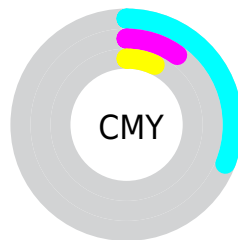
- Red (69%)
- Green (90%)
- Blue (93%)



- Red (69%)
- Yellow (80%)
- Blue (93%)



- Cyan (26%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (31%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.7660, 11.4544, -33.9978 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 213.7660, 11.4544, -33.9978 by changing the saturation by 10% instead.

■ 213.7660, 11.4544,
-33.9978

■ 213.7660, 11.4544,
-33.9978

255.0000, 0.0000,
0.0000

■ 186.0650, 11.3070,
-33.3830

■ 248.1230, 3.3904,
-14.1399

■ 158.3640, 11.1595,
-32.7682

■ 131.9510, 10.8702,
-33.2830

■ 106.2500, 10.7227,
-32.6683

■ 80.9510, 10.8702,
-33.2830

■ 54.8580, 11.9020,
-37.5865

■ 35.7340, 9.9911,

-31.3387

■ 21.0130, 6.8956,
-18.4284

■ 2.0690, 5.3890,
-1.8145

■ 213.7660, 11.4544,
-33.9978

■ 213.7660, 11.4544,
-33.9978

■ 204.8290, 15.8603,
-47.2080

■ 222.7030, 7.0484,
-20.7875

■ 196.1910, 20.1188,
-59.8035

■ 231.3410, 2.7899,
-8.1921

■ 187.2540, 24.5248,
-73.0138

■ 240.2780, -1.6161,
5.0182

■ 178.3170, 28.9307,
-86.2240

■ 244.7300, -3.8109,
9.0068

■ 169.3800, 33.3367,
-99.4343

■ 246.4910, -4.6791,
7.4624

■ 160.7420, 37.5952,
-112.0297

■ 248.2520, -5.5472,
5.9180

■ 151.8050, 42.0011,
-125.2400

■ 250.0130, -6.4154,
4.3736

■ 147.9400, 43.9066,
-129.7434

■ 251.7740, -7.2836,
2.8292

■ 252.9480, -7.8624,
1.7996

Harmonies

Analogous

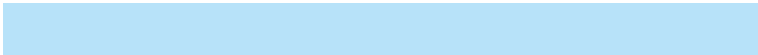
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.6110, 3.1498, -30.3538



213.7660, 11.4544, -33.9978



215.7650, 16.3849, -28.7349

Triad

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



213.7660, 11.4544, -33.9978



222.8310, 6.4923, 17.6882



219.0110, -16.7674, 11.3914

Complementary

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



213.7660, 11.4544, -33.9978



198.2340, -11.4544, 33.9978

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.



220.8430, -15.2056, 23.8167



213.7660, 11.4544, -33.9978



223.0080, -1.9759, 27.1800

Square

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



213.7660, 11.4544, -33.9978



221.5670, 13.5245, 2.1337



221.9560, -9.8383, 28.9796



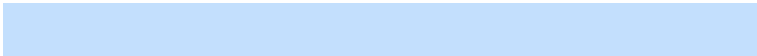
216.8350, -13.2297, -3.3633

Rectangle

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



213.7660, 11.4544, -33.9978



218.0480, 17.2313, -20.2131



221.9560, -9.8383, 28.9796



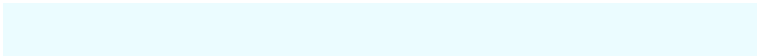
219.7450, -16.6363, 16.0096

Sweetspot

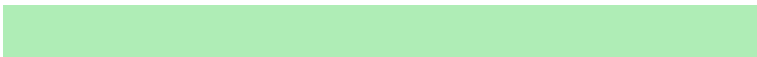
The Sweet Spot groups the original color and five complimentary colors.



213.7660, 11.4544, -33.9978



247.2590, 3.8163, -10.7511



212.1920, -14.8847, -32.6174



122.9390, 2.4951, -6.9625



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.



213.7660, 11.4544, -33.9978



225.5090, 14.5391, -43.4194



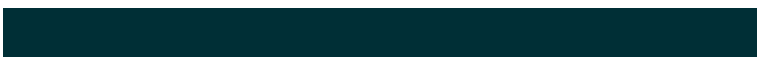
196.1560, 20.1361, -18.5538



113.1240, 1.9109, -6.2477



113.3800, 33.3367, -99.4343



33.7450, 9.9857, -29.5944

Inverse Universe

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



199.6940, 14.4479, 32.7174



207.4870, 18.4939, 41.6689



215.8440, -20.1361, 18.5538



110.4290, 2.7465, 5.7628



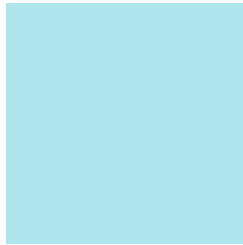
72.1310, 42.3334, 95.4781



21.5040, 12.5695, 28.4990

Previews

White Background



This preview shows how the YUV color 213.7660, 11.4544, -33.9978 looks on a white background.

Color Contrast Check

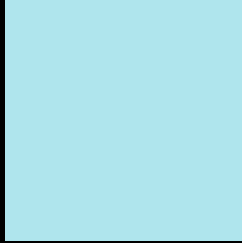
Large Text (above 18pt) WCAG AA × Fail

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 213.7660, 11.4544, -33.9978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

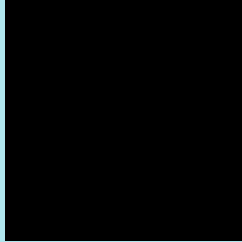
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.7660, 11.4544, -33.9978

Background



This preview shows how black text looks on a background with the YUV color 213.7660, 11.4544, -33.9978.



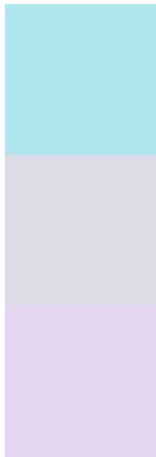
This preview shows how white text looks on a background with the YUV color 213.7660, 11.4544, -33.9978.

-33.9978.

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

213.7660, 11.4544, -33.9978

Protanopia

219.9660, 4.9468, 0.0298

Deuteranopia

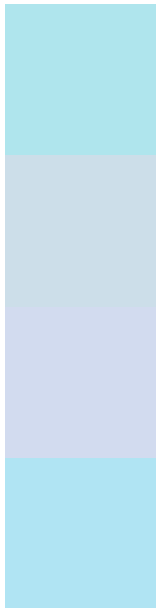
221.1610, 9.2876, 7.7518



Tritanopia

214.8030, 15.3801, -33.1532

Trichromacy



Original Color

213.7660, 11.4544, -33.9978

Protanomaly

217.8720, 7.4581, -12.1657

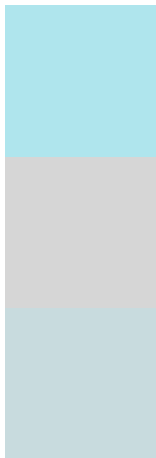
Deuteranomaly

218.5890, 10.0626, -7.5326

Tritanomaly

214.1620, 14.2171, -33.4681

Monochromacy



Original Color

213.7660, 11.4544, -33.9978

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.6610, 4.1111, -11.9807

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.7660, 11.4544, -33.9978 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, 229, 237)` looks like.

```
.text, #text, p{  
    color:rgb(175, 229, 237)  
}
```

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, 229, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 229, 237) }
```

Border

The CSS property to change the border of an element to YUV 213.7660, 11.4544, -33.9978 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, 229, 237) }
```


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

```
.border{ border-color:rgb(175, 229, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 229, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 229, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 229, 237);  
box-shadow:4px 4px 4px 4px rgb(175, 229,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 213.7660, 11.4544, -33.9978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 229, 237) }
```

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

```
.background{ background-color: rgb(175,  
229, 237) }
```

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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