

Converting Colors

YUV(213.7730, 4.0559,
-41.0199)

Have a look what the booklet for
YUV(213.7730, 4.0559, -41.0199)
contains.

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Color

**YUV(213.7730, 4.0559,
-41.0199)**

Conversions

Conversions Part 1

Format	Color
Hex	A7ECDE
RGB	167, 236, 222
RGB Percent	65%, 93%, 87%
CMY	0.3451, 0.0745, 0.1294
CMYK	0.29, 0.00, 0.06, 0.07
HSL	168°, 64%, 79%
HSV	168°, 29%, 93%
XYZ	59.1166, 73.4803, 80.1746
YIQ	213.7730, -36.6300, -18.9820

Conversions

Conversions Part 2

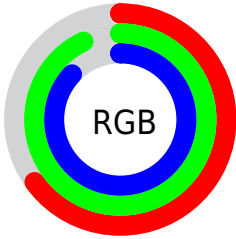
Format	Color
RYB	167, 205, 236
Decimal	11005150
CIELab	88.68, -24.39, -0.13
CIELCh	89, 24.389, 180.295
Yxy	73.4803, 0.2778, 0.3453
Android (android.graphics.Color)	4289195230 (0xFFA7ECDE)
YUV	213.7730, 4.0559, -41.0199
Hunter-Lab	85.7207, -26.9100, 4.5505

Details

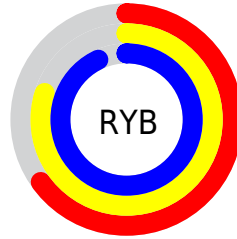
The YUV color **213.7730, 4.0559, -41.0199** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **189.2270, -4.0559, 41.0199**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.7310, 4.5696, -19.0581**, and **158.4850, 4.1979, -39.8903** is the 20% darker color. If you saturate the color by 10%, you get **206.0270, 5.4097, -55.2747**, and if you desaturate by 10%, it is **221.5190, 2.7021, -26.7652**.

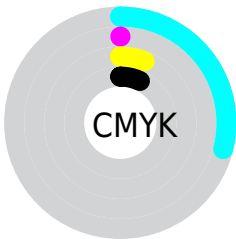
Distribution



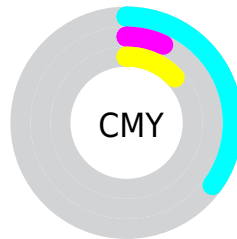
- Red (65%)
- Green (93%)
- Blue (87%)



- Red (65%)
- Yellow (80%)
- Blue (93%)



- Cyan (29%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (35%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.7730, 4.0559, -41.0199 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 213.7730, 4.0559, -41.0199 by changing the saturation by 10% instead.

■ 213.7730, 4.0559,
-41.0199

■ 213.7730, 4.0559,
-41.0199

255.0000, 0.0000,
0.0000

■ 186.0720, 3.9085,
-40.4051

■ 245.7310, 4.5696,
-19.0581

■ 158.4850, 4.1979,
-39.8903

■ 254.4020, 0.2948,
-1.2296

■ 131.5990, 4.6347,
-39.9903

■ 105.5990, 4.6347,
-39.9903

■ 79.8160, 5.5137,
-41.9346

■ 52.8370, 6.9824,
-46.3380

■ 36.8280, 4.0288,

-32.2982

■ 22.1070, 0.9332,
-19.3878

■ 0.0000, 0.0000,
0.0000

■ 213.7730, 4.0559,
-41.0199

■ 213.7730, 4.0559,
-41.0199

■ 206.0270, 5.4097,
-55.2747

■ 221.5190, 2.7021,
-26.7652

■ 198.5800, 6.6161,
-68.9147

■ 228.9660, 1.4958,
-13.1252

■ 190.9480, 8.4066,
-83.2694

■ 236.5980, -0.2948,
1.2296

■ 183.5010, 9.6130,
-96.9094

■ 242.2510, -0.6167,
11.1809

■ 175.7550, 10.9668,
-111.1641

■ 242.8210, 1.5672,
10.6810

■ 168.0090, 12.3206,
-125.4189

■ 243.3910, 3.7512,
10.1811

■ 160.5620, 13.5269,
-139.0589

■ 243.8470, 5.4984,
9.7812

■ 159.9640, 13.8217,
-140.2884

Harmonies

Analogous

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



216.2560, -8.5072, -24.7805



213.7730, 4.0559, -41.0199



213.4160, 15.5709, -47.7228

Triad

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



213.7730, 4.0559, -41.0199



224.3220, 15.1243, 2.3486



222.1380, -19.2950, 28.8200

Complementary

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



213.7730, 4.0559, -41.0199



189.2270, -4.0559, 41.0199

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.



221.1410, -10.4225, 29.6943



213.7730, 4.0559, -41.0199



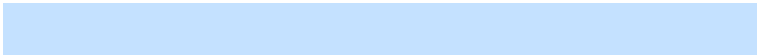
226.9610, 9.3862, 22.8362

Square

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



213.7730, 4.0559, -41.0199



219.7490, 17.3787, -20.8279



222.5890, 0.2026, 28.4244



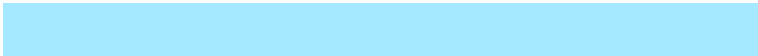
221.5510, -22.4566, 16.1798

Rectangle

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



213.7730, 4.0559, -41.0199



214.8770, 19.7806, -44.6191



222.5890, 0.2026, 28.4244



221.5340, -16.5323, 29.3497

Sweetspot

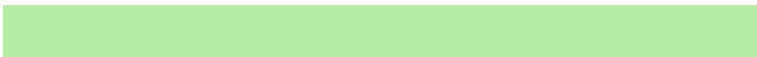
The Sweet Spot groups the original color and five complimentary colors.



213.7730, 4.0559, -41.0199



247.5530, 1.2064, -13.6400



211.9880, -22.1791, -26.2995



123.1730, 0.9007, -8.9217



0.0000, 0.0000, 0.0000



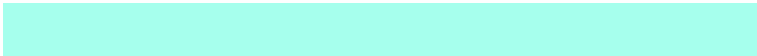
128.0000, 0.0000, 0.0000

Same Dimension

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



213.7730, 4.0559, -41.0199



226.3370, 5.2569, -52.9155



203.6290, 15.9589, -32.1236



113.4830, 0.7479, -6.5626



122.6630, 10.5191, -107.5755



36.6000, 3.1552, -32.0982

Inverse Universe

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



189.2270, -4.0559, 41.0199



194.6630, -5.2569, 52.9155



199.3710, -15.9589, 32.1236



109.5170, -0.7479, 6.5626



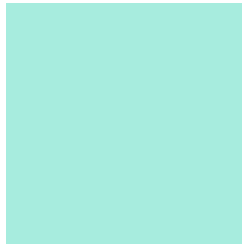
58.3370, -10.5191, 107.5755



17.4000, -3.1552, 32.0982

Previews

White Background



This preview shows how the YUV color 213.7730, 4.0559, -41.0199 looks on a white background.

Color Contrast Check

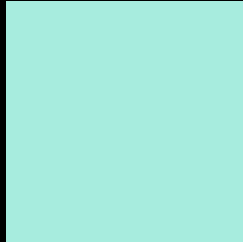
Large Text (above 18pt) WCAG AA × Fail

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 213.7730, 4.0559, -41.0199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

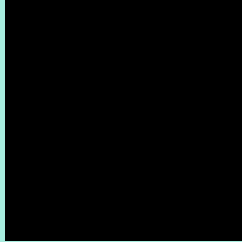
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

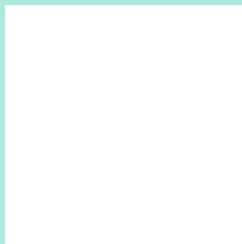
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.7730, 4.0559, -41.0199

Background



This preview shows how black text looks on a background with the YUV color 213.7730, 4.0559, -41.0199.



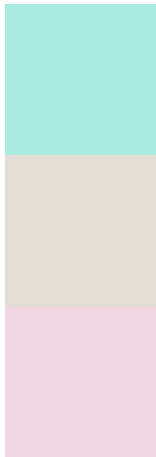
This preview shows how white text looks on a background with the YUV color 213.7730, 4.0559, -41.0199.

-41.0199.

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

213.7730, 4.0559, -41.0199

Protanopia

222.1810, -4.5262, 5.1033

Deuteranopia

224.0280, 0.9722, 14.8844



Tritanopia

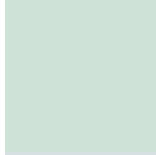
216.4110, 16.5594, -38.0714

Trichromacy



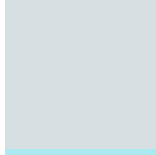
Original Color

213.7730, 4.0559, -41.0199



Protanomaly

218.8800, -1.4198, -11.2958



Deuteranomaly

220.5370, 2.2003, -5.7329



Tritanomaly

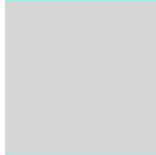
215.2600, 12.1968, -38.8160

Monochromacy



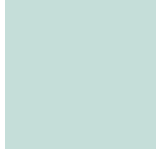
Original Color

213.7730, 4.0559, -41.0199



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

213.9550, 1.5012, -14.8695

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.7730, 4.0559, -41.0199 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(167, 236, 222)` looks like.

```
.text, #text, p{  
    color:rgb(167, 236, 222)  
}
```

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(167, 236, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 236, 222) }
```

Border

The CSS property to change the border of an element to YUV 213.7730, 4.0559, -41.0199 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(167, 236, 222) }
```


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

```
.border{ border-color:rgb(167, 236, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 236, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 236, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 236, 222);  
box-shadow:4px 4px 4px 4px rgb(167, 236,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 213.7730, 4.0559, -41.0199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 236, 222) }
```

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

```
.background{ background-color: rgb(167,  
236, 222) }
```

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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