

Converting Colors

YUV(214.2750, 16.1334,
-41.4602)

Have a look what the booklet for
YUV(214.2750, 16.1334, -41.4602)
contains.

YUV(214.2750, 16.1334, -41.4602)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(214.2750, 16.1334,
-41.4602)**

Conversions

Conversions Part 1

Format	Color
Hex	A7E8F7
RGB	167, 232, 247
RGB Percent	65%, 91%, 97%
CMY	0.3451, 0.0902, 0.0314
CMYK	0.32, 0.06, 0.00, 0.03
HSL	191°, 83%, 81%
HSV	191°, 32%, 97%
XYZ	61.5815, 72.6441, 98.7717
YIQ	214.2750, -43.5550, -9.1150

Conversions

Conversions Part 2

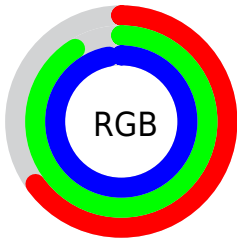
Format	Color
RYB	167, 203, 247
Decimal	11004151
CIELab	88.28, -16.82, -13.82
CIElCh	88, 21.767, 219.405
Yxy	72.6441, 0.2643, 0.3118
Android (android.graphics.Color)	4289194231 (0xFFA7E8F7)
YUV	214.2750, 16.1334, -41.4602
Hunter-Lab	85.2315, -20.1854, -9.0470

Details

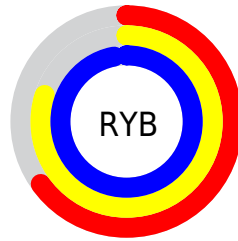
The YUV color **214.2750, 16.1334, -41.4602** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **199.7250, -16.1334, 41.4602**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.7310, 4.5696, -19.0581**, and **158.5740, 15.9860, -40.8454** is the 20% darker color. If you saturate the color by 10%, you get **203.8650, 21.2656, -54.2556**, and if you desaturate by 10%, it is **224.6850, 11.0013, -28.6647**.

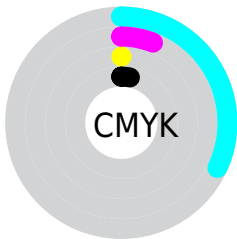
Distribution



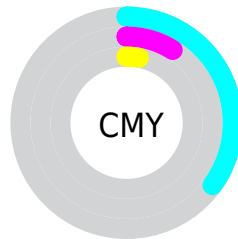
- Red (65%)
- Green (91%)
- Blue (97%)



- Red (65%)
- Yellow (80%)
- Blue (97%)



- Cyan (32%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (35%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.2750, 16.1334, -41.4602 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 214.2750, 16.1334, -41.4602 by changing the saturation by 10% instead.

■ 214.2750, 16.1334,
-41.4602

■ 214.2750, 16.1334,
-41.4602

■ 255.0000, 0.0000,
0.0000

■ 186.1610, 15.6966,
-41.3602

■ 245.7310, 4.5696,
-19.0581

■ 158.5740, 15.9860,
-40.8454

■ 254.4020, 0.2948,
-1.2296

■ 132.1610, 15.6966,
-41.3602

■ 105.4490, 15.5546,
-42.4898

■ 78.9540, 16.2917,
-45.5637

■ 53.9430, 16.2971,
-47.3080

■ 37.8200, 12.9067,

-33.1681

■ 22.9850, 9.3744,
-20.1578

■ 3.0950, 9.3202,
-2.7143

■ 214.2750, 16.1334,
-41.4602

■ 214.2750, 16.1334,
-41.4602

■ 203.8650, 21.2656,
-54.2556

■ 224.6850, 11.0013,
-28.6647

■ 194.3410, 25.9609,
-66.9511

■ 234.2090, 6.3060,
-15.9693

■ 183.9310, 31.0930,
-79.7465

■ 244.6190, 1.1738,
-3.1739

■ 173.5210, 36.2251,
-92.5419

■ 251.7400, -2.3368,
2.8590

■ 163.9970, 40.9205,
-105.2374

■ 254.0880, -3.4944,
0.7998

■ 153.5870, 46.0526,
-118.0328

■ 146.1450, 49.7215,
-128.1692

Harmonies

Analogous

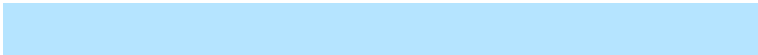
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.7670, 6.5239, -39.2607



214.2750, 16.1334, -41.4602



217.0250, 18.7217, -31.5939

Triad

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



214.2750, 16.1334, -41.4602



225.6470, 5.5970, 24.8656



220.0170, -19.2354, 9.6321

Complementary

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



214.2750, 16.1334, -41.4602



199.7250, -16.1334, 41.4602

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.



222.1160, -19.2842, 25.3313



214.2750, 16.1334, -41.4602



222.3780, -3.1444, 28.6095

Square

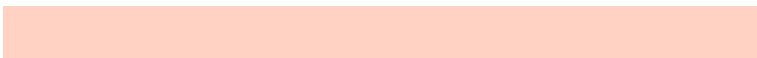
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



214.2750, 16.1334, -41.4602



224.2410, 14.6712, 7.6816



221.8590, -12.7485, 29.0647



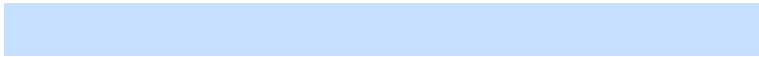
217.2750, -13.9396, -9.0112

Rectangle

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



214.2750, 16.1334, -41.4602



219.1730, 17.6627, -18.5687



221.8590, -12.7485, 29.0647



220.8220, -20.1252, 15.0651

Sweetspot

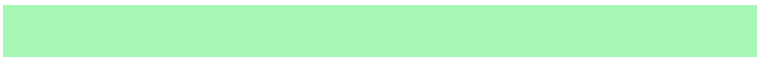
The Sweet Spot groups the original color and five complimentary colors.



214.2750, 16.1334, -41.4602



244.5900, 5.1321, -12.7954



215.6700, -16.5993, -42.6836



121.4550, 3.2267, -8.2920



0.0000, 0.0000, 0.0000



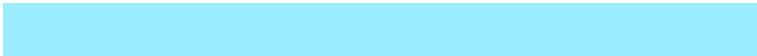
128.0000, 0.0000, 0.0000

Same Dimension

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



214.2750, 16.1334, -41.4602



214.2460, 20.0917, -51.0817



190.7950, 27.7091, -20.8682



117.2380, 2.3477, -6.3477



109.8410, 37.5464, -96.3306



34.9020, 11.8803, -30.6091

Inverse Universe

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



198.3300, 16.5993, 42.6836



194.7210, 20.3505, 52.8647



223.2050, -27.7091, 20.8682



114.7280, 2.5991, 6.3775



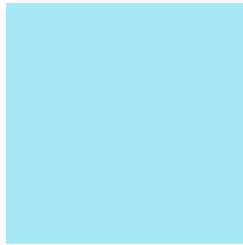
72.8280, 38.5388, 99.2518



23.1130, 12.2693, 31.4729

Previews

White Background



This preview shows how the YUV color 214.2750, 16.1334, -41.4602 looks on a white background.

Color Contrast Check

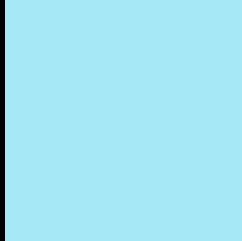
Large Text (above 18pt) WCAG AA × Fail

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 214.2750, 16.1334, -41.4602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

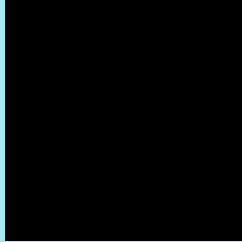
Any Text WCAG AA ✓ Pass

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 214.2750, 16.1334, -41.4602 Background



This preview shows how black text looks on a background with the YUV color 214.2750, 16.1334, -41.4602.



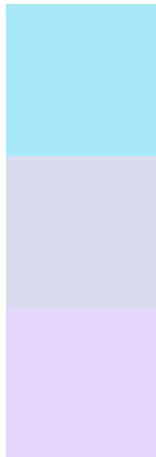
This preview shows how white text looks on a background with the YUV color 214.2750, 16.1334, -41.4602.

-41.4602.

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

214.2750, 16.1334, -41.4602

Protanopia

221.2800, 8.7360, -1.9996

Deuteranopia

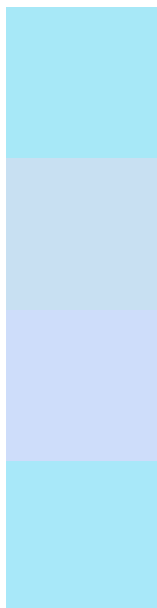
222.9910, 13.8084, 4.3929



Tritanopia

214.9160, 17.2964, -41.1453

Trichromacy



Original Color

214.2750, 16.1334, -41.4602

Protanomaly

218.8760, 11.4001, -16.5543

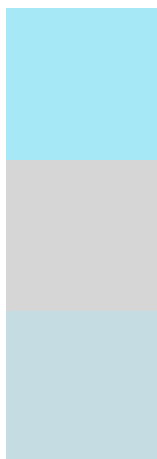
Deuteranomaly

219.8210, 14.8782, -12.1210

Tritanomaly

214.8020, 16.8596, -41.0454

Monochromacy



Original Color

214.2750, 16.1334, -41.4602

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.3940, 5.7218, -15.2545

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.2750, 16.1334, -41.4602 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, 232, 247)` looks like.

```
.text, #text, p{  
    color:rgb(167, 232, 247)  
}
```

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, 232, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 232, 247) }
```

Border

The CSS property to change the border of an element to YUV 214.2750, 16.1334, -41.4602 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, 232, 247) }
```


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

```
.border{ border-color:rgb(167, 232, 247) }
```

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

Here you see how a box with a 4 pixel rgb(167, 232, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 232, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 232, 247);  
box-shadow:4px 4px 4px 4px rgb(167, 232,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 214.2750, 16.1334, -41.4602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 232, 247) }
```

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

```
.background{ background-color: rgb(167,  
232, 247) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor