

Converting Colors

YUV(214.3040, 12.1751,
-31.8386)

Have a look what the booklet for
YUV(214.3040, 12.1751, -31.8386)
contains.

YUV(214.3040, 12.1751, -31.8386)	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(214.3040, 12.1751,
-31.8386)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E4EF
RGB	178, 228, 239
RGB Percent	70%, 89%, 94%
CMY	0.3020, 0.1059, 0.0627
CMYK	0.26, 0.05, 0.00, 0.06
HSL	191°, 66%, 82%
HSV	191°, 26%, 94%
XYZ	61.6835, 71.1838, 92.1501
YIQ	214.3040, -33.3310, -7.1790

Conversions

Conversions Part 2

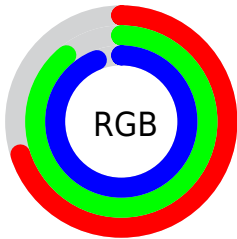
Format	Color
RYB	178, 205, 239
Decimal	11724015
CIELab	87.57, -13.55, -10.60
CIElCh	88, 17.204, 218.050
Yxy	71.1838, 0.2741, 0.3163
Android (android.graphics.Color)	4289914095 (0xFFB2E4EF)
YUV	214.3040, 12.1751, -31.8386
Hunter-Lab	84.3705, -17.1465, -5.6977

Details

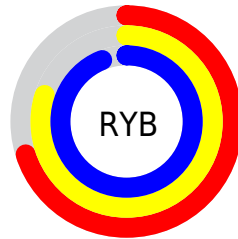
The YUV color $214.3040, 12.1751, -31.8386$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $202.6960, -12.1751, 31.8386$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.0200, 2.9481, -12.2955$, and $159.4890, 11.5909, -31.1239$ is the 20% darker color. If you saturate the color by 10%, you get $204.7800, 16.8705, -44.5341$, and if you desaturate by 10%, it is $223.8280, 7.4798, -19.1432$.

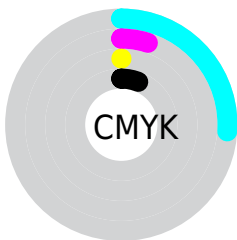
Distribution



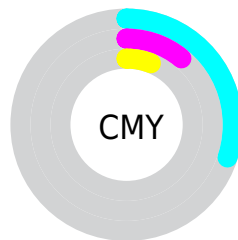
- Red (70%)
- Green (89%)
- Blue (94%)



- Red (70%)
- Yellow (80%)
- Blue (94%)



- Cyan (26%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (30%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.3040, 12.1751, -31.8386 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 214.3040, 12.1751, -31.8386 by changing the saturation by 10% instead.

■ 214.3040, 12.1751,
-31.8386

■ 214.3040, 12.1751,
-31.8386

255.0000, 0.0000,
0.0000

■ 186.6030, 12.0277,
-31.2238

■ 249.0200, 2.9481,
-12.2955

■ 159.4890, 11.5909,
-31.1239

■ 132.7880, 11.4435,
-30.5091

■ 106.7880, 11.4435,
-30.5091

■ 81.4890, 11.5909,
-31.1239

■ 56.8800, 11.8912,
-34.0978

■ 35.3750, 11.1541,

-31.0239

■ 21.1270, 7.3324,
-18.5284

■ 2.2970, 6.2626,
-2.0145

■ 214.3040, 12.1751,
-31.8386

■ 214.3040, 12.1751,
-31.8386

■ 204.7800, 16.8705,
-44.5341

■ 223.8280, 7.4798,
-19.1432

■ 194.6690, 21.8552,
-56.7147

■ 233.9390, 2.4951,
-6.9625

■ 185.1450, 26.5505,
-69.4102

■ 243.4630, -2.2003,
5.7329

■ 175.6210, 31.2458,
-82.1056

■ 247.3060, -4.0949,
6.7476

■ 165.8090, 36.0832,
-93.6715

■ 250.2410, -5.5418,
4.1736

■ 156.2850, 40.7785,
-106.3669

■ 252.5890, -6.6994,
2.1144

■ 146.7610, 45.4738,
-119.0624

■ 253.1760, -6.9888,
1.5996

■ 142.2980, 47.6741,
-124.7953

Harmonies

Analogous

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



213.6650, 4.6022, -29.5242



214.3040, 12.1751, -31.8386



216.6730, 15.9372, -25.1462

Triad

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



214.3040, 12.1751, -31.8386



222.9730, 4.4503, 19.3177



218.6300, -15.5936, 8.2175

Complementary

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



214.3040, 12.1751, -31.8386



202.6960, -12.1751, 31.8386

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.



220.2340, -14.9054, 20.8428



214.3040, 12.1751, -31.8386



222.6660, -3.2863, 27.4799

Square

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



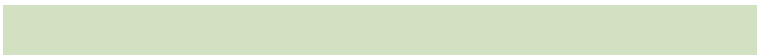
214.3040, 12.1751, -31.8386



221.7200, 11.4770, 5.5076



221.7170, -10.7065, 27.4352



216.6820, -11.1822, -6.7371

Rectangle

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



214.3040, 12.1751, -31.8386



218.2550, 16.6363, -16.0096



221.7170, -10.7065, 27.4352



219.2500, -15.8993, 12.9358

Sweetspot

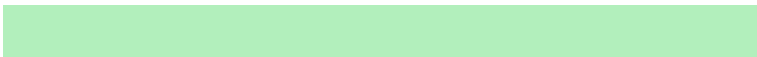
The Sweet Spot groups the original color and five complimentary colors.



214.3040, 12.1751, -31.8386



246.6720, 4.1057, -10.2363



214.9470, -13.2849, -32.4025



122.3520, 2.7845, -6.4477



0.0000, 0.0000, 0.0000



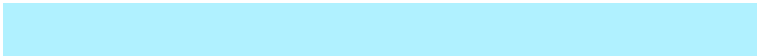
128.0000, 0.0000, 0.0000

Same Dimension

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



214.3040, 12.1751, -31.8386



223.1610, 15.6966, -41.3602



196.6940, 20.8569, -16.3946



115.2380, 2.3477, -6.3477



109.0260, 36.9622, -95.6158



33.3860, 11.1487, -29.2795

Inverse Universe

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



201.9390, 12.8481, 32.5025



207.0310, 16.7467, 42.0688



220.3060, -20.8569, 16.3946



112.7280, 2.5991, 6.3775



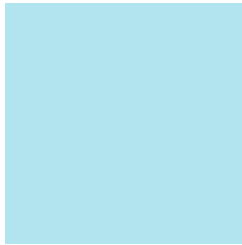
72.1160, 38.3968, 98.1223



21.9880, 11.8379, 29.8285

Previews

White Background



This preview shows how the YUV color 214.3040, 12.1751, -31.8386 looks on a white background.

Color Contrast Check

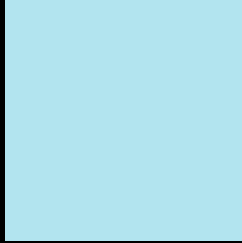
Large Text (above 18pt) WCAG AA × Fail

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 214.3040, 12.1751, -31.8386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

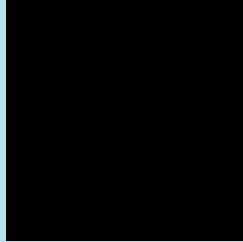
Any Text WCAG AA ✓ Pass

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 214.3040, 12.1751, -31.8386 Background



This preview shows how black text looks on a background with the YUV color 214.3040, 12.1751, -31.8386.



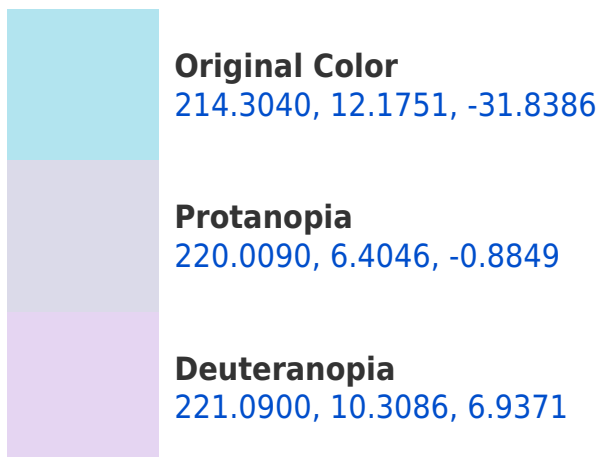
This preview shows how white text looks on a background with the YUV color 214.3040, 12.1751, -31.8386.

-31.8386.

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

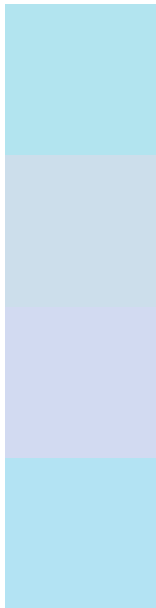




Tritanopia

214.7000, 14.9379, -31.3089

Trichromacy



Original Color

214.3040, 12.1751, -31.8386

Protanomaly

218.1000, 8.3317, -12.3657

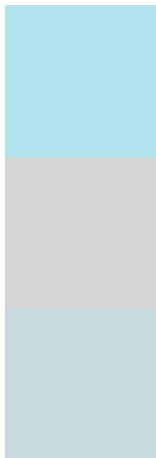
Deuteranomaly

218.2300, 11.2256, -7.2177

Tritanomaly

214.4720, 14.0643, -31.1089

Monochromacy



Original Color

214.3040, 12.1751, -31.8386

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.0740, 4.4005, -11.4659

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.3040, 12.1751, -31.8386 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(178, 228, 239)` looks like.

```
.text, #text, p{  
    color:rgb(178, 228, 239)  
}
```

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(178, 228, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 228, 239) }
```

Border

The CSS property to change the border of an element to YUV 214.3040, 12.1751, -31.8386 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(178, 228, 239) }
```


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

```
.border{ border-color:rgb(178, 228, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 228, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 228, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 228, 239); box-shadow:4px 4px 4px 4px rgb(178, 228, 239) }
```

Background

The CSS property to change the background color of an element to YUV 214.3040, 12.1751, -31.8386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 228, 239) }
```

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

```
.background{ background-color: rgb(178,  
228, 239) }
```

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