

Converting Colors

YUV(214.7450, 9.9857,
-29.5944)

Have a look what the booklet for
YUV(214.7450, 9.9857, -29.5944)
contains.

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Color

**YUV(214.7450, 9.9857,
-29.5944)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E4EB
RGB	181, 228, 235
RGB Percent	71%, 89%, 92%
CMY	0.2902, 0.1059, 0.0784
CMYK	0.23, 0.03, 0.00, 0.08
HSL	188°, 57%, 82%
HSV	188°, 23%, 92%
XYZ	61.7949, 71.3087, 89.1043
YIQ	214.7450, -30.2590, -7.7870

Conversions

Conversions Part 2

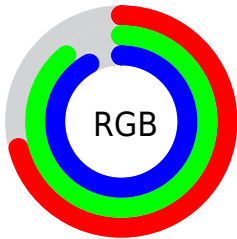
Format	Color
RYB	181, 206, 235
Decimal	11920619
CIELab	87.63, -13.55, -8.39
CIELCh	88, 15.937, 211.773
Yxy	71.3087, 0.2781, 0.3209
Android (android.graphics.Color)	4290110699 (0xFFB5E4EB)
YUV	214.7450, 9.9857, -29.5944
Hunter-Lab	84.4445, -17.1550, -3.4506

Details

The YUV color $214.7450, 9.9857, -29.5944$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $201.2550, -9.9857, 29.5944$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9170, 2.5059, -10.4512$, and $159.9300, 9.4015, -28.8796$ is the 20% darker color. If you saturate the color by 10%, you get $206.1070, 14.2442, -42.1898$, and if you desaturate by 10%, it is $223.6820, 5.5798, -16.3841$.

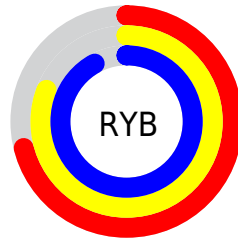
Distribution



Red (71%)

Green (89%)

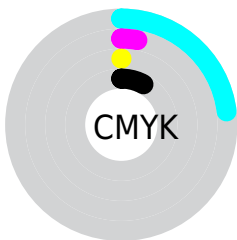
Blue (92%)



Red (71%)

Yellow (81%)

Blue (92%)

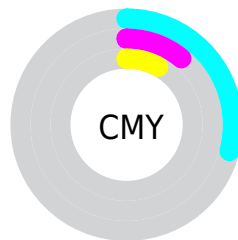


Cyan (23%)

Magenta (3%)

Yellow (0%)

Black (8%)



Cyan (29%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.7450, 9.9857, -29.5944 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 214.7450, 9.9857, -29.5944 by changing the saturation by 10% instead.

■ 214.7450, 9.9857,
-29.5944

■ 214.7450, 9.9857,
-29.5944

255.0000, 0.0000,
0.0000

■ 187.0440, 9.8383,
-28.9796

■ 249.9170, 2.5059,
-10.4512

■ 159.9300, 9.4015,
-28.8796

■ 133.3430, 9.6909,
-28.3648

■ 107.3430, 9.6909,
-28.3648

■ 82.3430, 9.6909,
-28.3648

■ 58.6310, 9.5489,
-29.4944

■ 35.0330, 9.8437,

-30.7239

■ 20.3120, 6.7482,
-17.8136

■ 1.1400, 4.3680,
-0.9998

■ 214.7450, 9.9857,
-29.5944

■ 214.7450, 9.9857,
-29.5944

■ 206.1070, 14.2442,
-42.1898

■ 223.6820, 5.5798,
-16.3841

■ 197.1700, 18.6502,
-55.4001

■ 232.3200, 1.3212,
-3.7886

■ 188.5320, 22.9087,
-67.9956

■ 241.2570, -3.0847,
9.4216

■ 179.5950, 27.3147,
-81.2058

■ 243.9150, -4.3951,
9.7215

■ 170.9570, 31.5732,
-93.8013

■ 245.6760, -5.2633,
8.1771

■ 162.0200, 35.9791,
-107.0115

■ 247.4370, -6.1314,
6.6328

■ 153.3820, 40.2377,
-119.6070

■ 249.1980, -6.9996,
5.0884

■ 147.1250, 43.3224,
-129.0286

■ 250.9590, -7.8678,
3.5440

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



214.8180, 2.5547, -26.1504



214.7450, 9.9857, -29.5944



216.3310, 14.6268, -24.8463

Triad

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



214.7450, 9.9857, -29.5944



222.5920, 5.6241, 16.1438



219.2820, -14.4360, 10.2767

Complementary

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



214.7450, 9.9857, -29.5944



201.2550, -9.9857, 29.5944

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.



220.8750, -13.7424, 21.1576



214.7450, 9.9857, -29.5944



222.3990, -1.6757, 24.2061

Square

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



214.7450, 9.9857, -29.5944



221.6980, 11.4879, 2.0189



221.8740, -8.8119, 26.4205



217.5900, -11.6299, -3.1484

Rectangle

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



214.7450, 9.9857, -29.5944



217.9020, 15.3313, -17.4541



221.8740, -8.8119, 26.4205



219.6030, -14.5943, 14.3802

Sweetspot

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



214.7450, 9.9857, -29.5944



248.4440, 3.2321, -10.0364



213.3820, -13.0063, -28.3990



123.5370, 2.2003, -5.7329



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.



214.7450, 9.9857, -29.5944



228.4880, 13.0704, -39.0160



199.4830, 17.5099, -16.2096



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.



202.5040, 12.5695, 28.4990



212.2970, 16.6156, 37.4505



216.5170, -17.5099, 16.2096



110.4290, 2.7465, 5.7628



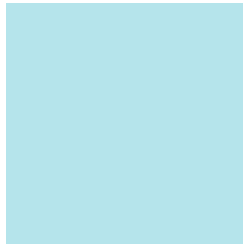
72.1310, 42.3334, 95.4781



21.5040, 12.5695, 28.4990

Previews

White Background



This preview shows how the YUV color 214.7450, 9.9857, -29.5944 looks on a white background.

Color Contrast Check

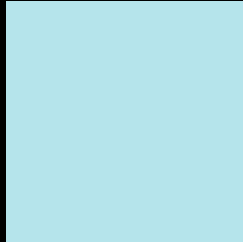
Large Text (above 18pt) WCAG AA × Fail

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 214.7450, 9.9857, -29.5944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

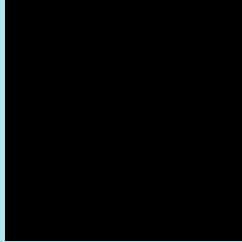
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.7450, 9.9857, -29.5944

Background



This preview shows how black text looks on a background with the YUV color 214.7450, 9.9857, -29.5944.



This preview shows how white text looks on a background with the YUV color 214.7450, 9.9857, -29.5944.

-29.5944.

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

215.3090, 14.6377, -28.3350

Trichromacy



Original Color

214.7450, 9.9857, -29.5944

Protanomaly

218.2420, 6.2897, -10.7362

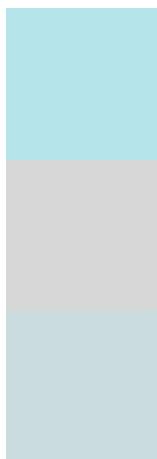
Deuteranomaly

218.6710, 9.0362, -4.9735

Tritanomaly

215.1410, 12.7485, -29.0647

Monochromacy



Original Color

214.7450, 9.9857, -29.5944

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

215.1450, 3.3795, -10.6512

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.7450, 9.9857, -29.5944 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(181, 228, 235)` looks like.

```
.text, #text, p{  
    color:rgb(181, 228, 235)  
}
```

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(181, 228, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 228, 235) }
```

Border

The CSS property to change the border of an element to YUV 214.7450, 9.9857, -29.5944 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(181, 228, 235) }
```


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

```
.border{ border-color:rgb(181, 228, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 228, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 228, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 228, 235); box-shadow:4px 4px 4px 4px rgb(181, 228, 235) }
```

Background

The CSS property to change the background color of an element to YUV 214.7450, 9.9857, -29.5944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 228, 235) }
```

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

```
.background{ background-color: rgb(181,  
228, 235) }
```

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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