

Converting Colors

YUV(218.8990, 3.0078,
-31.4834)

Have a look what the booklet for
YUV(218.8990, 3.0078, -31.4834)
contains.

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Color

**YUV(218.8990, 3.0078,
-31.4834)**

Conversions

Conversions Part 1

Format	Color
Hex	B7ECE1
RGB	183, 236, 225
RGB Percent	72%, 93%, 88%
CMY	0.2824, 0.0745, 0.1176
CMYK	0.22, 0.00, 0.05, 0.07
HSL	168°, 58%, 82%
HSV	168°, 22%, 93%
XYZ	63.1145, 75.4944, 82.4796
YIQ	218.8990, -28.0570, -14.6570

Conversions

Conversions Part 2

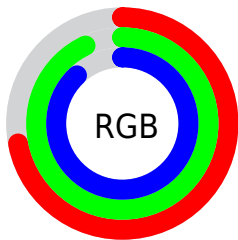
Format	Color
R _Y B	183, 213, 236
Decimal	12053729
CIE Lab	89.62, -19.06, -0.21
CIE LCh	90, 19.063, 180.618
Yxy	75.4944, 0.2855, 0.3415
Android (android.graphics.Color)	4290243809 (0xFFB7ECE1)
YUV	218.8990, 3.0078, -31.4834
Hunter-Lab	86.8875, -22.3920, 4.5392

Details

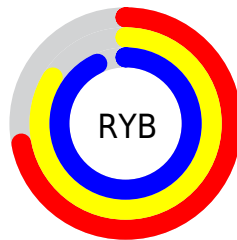
The YUV color **218.8990, 3.0078, -31.4834** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **200.1010, -3.0078, 31.4834**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.5150, 2.2111, -9.2217**, and **163.6110, 3.1498, -30.3538** is the 20% darker color. If you saturate the color by 10%, you get **211.1530, 4.3616, -45.7382**, and if you desaturate by 10%, it is **226.6450, 1.6540, -17.2287**.

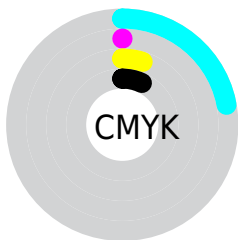
Distribution



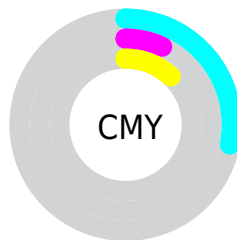
- Red (72%)
- Green (93%)
- Blue (88%)



- Red (72%)
- Yellow (84%)
- Blue (93%)



- Cyan (22%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (28%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.8990, 3.0078, -31.4834 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 218.8990, 3.0078, -31.4834 by changing the saturation by 10% instead.

■ 218.8990, 3.0078,
-31.4834

■ 218.8990, 3.0078,
-31.4834

255.0000, 0.0000,
0.0000

■ 191.1980, 2.8604,
-30.8686

■ 250.5150, 2.2111,
-9.2217

■ 163.6110, 3.1498,
-30.3538

■ 136.9100, 3.0024,
-29.7391

■ 111.3230, 3.2918,
-29.2243

■ 86.3230, 3.2918,
-29.2243

■ 61.8390, 4.0234,
-30.5538

■ 37.6430, 4.6130,

-33.0129

■ 22.4490, 2.2436,
-19.6878

■ 0.0000, 0.0000,
0.0000

■ 218.8990, 3.0078,
-31.4834

■ 218.8990, 3.0078,
-31.4834

■ 211.1530, 4.3616,
-45.7382

■ 226.6450, 1.6540,
-17.2287

■ 203.7060, 5.5679,
-59.3782

■ 234.0920, 0.4476,
-3.5887

■ 195.9600, 6.9217,
-73.6329

■ 241.8380, -0.9061,
10.6661

■ 188.5130, 8.1281,
-87.2729

■ 242.7070, 1.1304,
10.7810

■ 180.8810, 9.9187,
-101.6276

■ 243.1630, 2.8776,
10.3810

■ 173.1350, 11.2724,
-115.8824

■ 243.7330, 5.0616,
9.8812

■ 165.6880, 12.4788,
-129.5224

■ 243.8470, 5.4984,
9.7812

■ 159.8500, 13.3850,
-140.1884

Harmonies

Analogous

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



220.4570, -6.6343, -18.8178



218.8990, 3.0078, -31.4834



218.8690, 11.8966, -35.8421

Triad

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



218.8990, 3.0078, -31.4834



227.2680, 13.6719, 1.5190



226.3270, -15.9372, 25.1462

Complementary

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



218.8990, 3.0078, -31.4834



200.1010, -3.0078, 31.4834

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.



225.5750, -8.6645, 25.8057



218.8990, 3.0078, -31.4834



228.6570, 7.0711, 18.7178

Square

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



218.8990, 3.0078, -31.4834



223.9130, 15.3259, -15.7097



227.0400, -0.5127, 24.5209



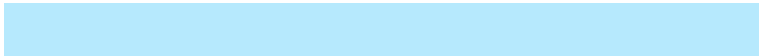
224.7940, -17.6464, 13.3357

Rectangle

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



218.8990, 3.0078, -31.4834



220.0310, 16.2537, -33.3532



227.0400, -0.5127, 24.5209



226.1960, -13.9006, 25.2611

Sweetspot

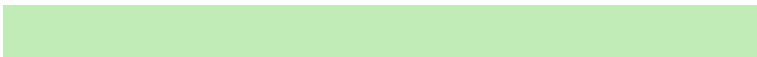
The Sweet Spot groups the original color and five complimentary colors.



218.8990, 3.0078, -31.4834



249.1620, 0.9061, -10.6661



217.4000, -16.9592, -20.5218



124.3690, 0.3111, -6.4626



0.0000, 0.0000, 0.0000



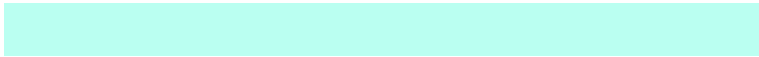
128.0000, 0.0000, 0.0000

Same Dimension

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



218.8990, 3.0078, -31.4834



232.7730, 4.0559, -41.0199



211.3480, 12.1534, -24.8612



113.4830, 0.7479, -6.5626



122.5490, 10.0823, -107.4755



36.4860, 2.7184, -31.9982

Inverse Universe

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



200.1010, -3.0078, 31.4834



208.2270, -4.0559, 41.0199



207.6520, -12.1534, 24.8612



109.5170, -0.7479, 6.5626



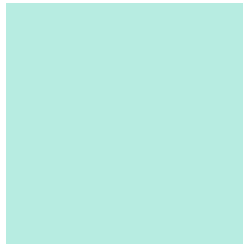
58.4510, -10.0823, 107.4755



17.4000, -3.1552, 32.0982

Previews

White Background



This preview shows how the YUV color 218.8990, 3.0078, -31.4834 looks on a white background.

Color Contrast Check

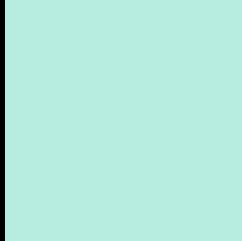
Large Text (above 18pt) WCAG AA × Fail

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 218.8990, 3.0078, -31.4834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

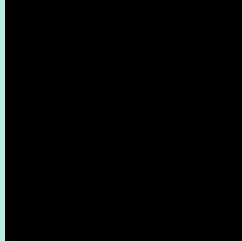
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

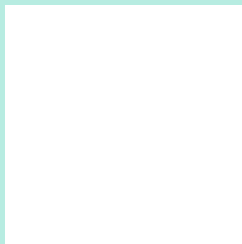
Any Text WCAG AAA ✓ Pass

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

YUV 218.8990, 3.0078, -31.4834 Background



This preview shows how black text looks on a background with the YUV color 218.8990, 3.0078, -31.4834.



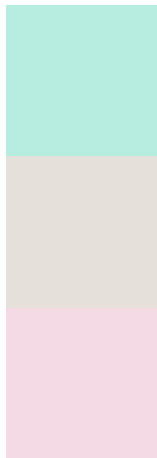
This preview shows how white text looks on a background with the YUV color 218.8990, 3.0078,

-31.4834.

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

218.8990, 3.0078, -31.4834

Protanopia

225.1100, -3.5052, 4.2885

Deuteranopia

227.0280, 0.9722, 14.8844



Tritanopia

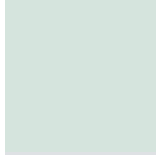
221.0100, 14.7851, -28.9498

Trichromacy



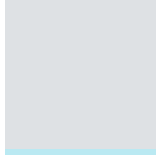
Original Color

218.8990, 3.0078, -31.4834



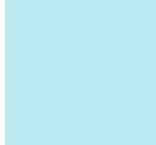
Protanomaly

222.7170, -0.8465, -8.5218



Deuteranomaly

224.4450, 1.7526, -2.1443



Tritanomaly

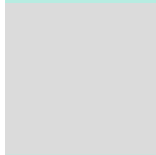
219.9730, 10.8593, -29.7943

Monochromacy



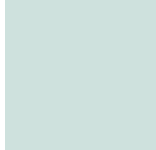
Original Color

218.8990, 3.0078, -31.4834



Achromatopsia

219.0000, 0.0000, 0.0000



Achromatomaly

218.8630, 1.0535, -11.2809

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.8990, 3.0078, -31.4834 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(183, 236, 225)` looks like.

```
.text, #text, p{  
    color:rgb(183, 236, 225)  
}
```

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(183, 236, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 236, 225) }
```

Border

The CSS property to change the border of an element to YUV 218.8990, 3.0078, -31.4834 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(183, 236, 225) }
```


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

```
.border{ border-color:rgb(183, 236, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 236, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 236, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 236, 225);  
box-shadow:4px 4px 4px 4px rgb(183, 236,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 218.8990, 3.0078, -31.4834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 236, 225) }
```

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

```
.background{ background-color: rgb(183,  
236, 225) }
```

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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