

Converting Colors

YUV(238.5830, 5.6286,
-32.0833)

Have a look what the booklet for
YUV(238.5830, 5.6286, -32.0833)
contains.

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Color

**YUV(238.5830, 5.6286,
-32.0833)**

Conversions

Conversions Part 1

Format	Color
Hex	CAFFFA
RGB	202, 255, 250
RGB Percent	79%, 100%, 98%
CMY	0.2078, 0.0000, 0.0196
CMYK	0.21, 0.00, 0.02, 0.00
HSL	174°, 100%, 90%
HSV	174°, 21%, 100%
XYZ	77.3724, 90.9787, 103.9252
YIQ	238.5830, -29.9830, -12.7910

Conversions

Conversions Part 2

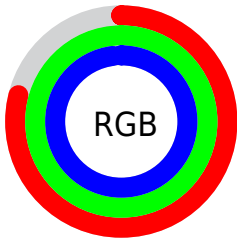
Format	Color
R_{YB}	202, 230, 255
Decimal	13303802
CIE _{Lab}	96.40, -17.63, -3.12
CIE _{LCh}	96, 17.903, 190.042
Yxy	90.9787, 0.2842, 0.3341
Android (android.graphics.Color)	4291493882 (0xFFCAFFFA)
YUV	238.5830, 5.6286, -32.0833
Hunter-Lab	95.3827, -22.1244, 2.1680

Details

The YUV color $238.5830, 5.6286, -32.0833$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $218.4170, -5.6286, 32.0833$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.2950, 5.7706, -30.9537$ is the 20% darker color. If you saturate the color by 10%, you get $230.8800, 8.4402, -47.2528$, and if you desaturate by 10%, it is $246.2860, 2.8170, -16.9138$.

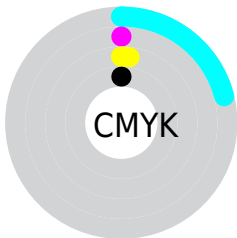
Distribution



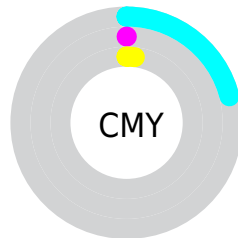
- Red (79%)
- Green (100%)
- Blue (98%)



- Red (79%)
- Yellow (90%)
- Blue (100%)



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.5830, 5.6286, -32.0833 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 238.5830, 5.6286, -32.0833 by changing the saturation by 10% instead.

■ 238.5830, 5.6286,
-32.0833

■ 238.5830, 5.6286,
-32.0833

255.0000, 0.0000,
0.0000

■ 209.8820, 5.4812,
-31.4685

■ 182.2950, 5.7706,
-30.9537

■ 155.1810, 5.3338,
-30.8537

■ 128.5940, 5.6232,
-30.3389

■ 103.0070, 5.9125,
-29.8241

■ 78.5940, 5.6232,
-30.3389

■ 54.1100, 6.3548,

-31.6685

■ 32.7190, 6.0545,
-28.6946

■ 19.1720, 2.3802,
-16.8138

■ 238.5830, 5.6286,
-32.0833

■ 238.5830, 5.6286,
-32.0833

■ 230.8800, 8.4402,
-47.2528

■ 246.2860, 2.8170,
-16.9138

■ 222.7640, 10.9623,
-62.9370

■ 254.4020, 0.2948,
-1.2296

■ 214.7620, 13.9213,
-78.7213

■ 255.0000, 0.0000,
0.0000

■ 206.9450, 16.2961,
-93.7908

■ 199.2420, 19.1077,
-108.9602

■ 191.2400, 22.0667,
-124.7445

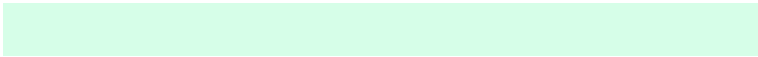
■ 183.4230, 24.4415,
-139.8140

■ 176.0190, 27.1056,
-154.3687

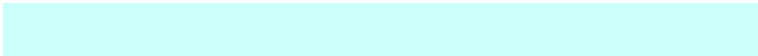
Harmonies

Analogous

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



239.5320, -3.7133, -22.3916



238.5830, 5.6286, -32.0833



238.2670, 8.2494, -32.6832

Triad

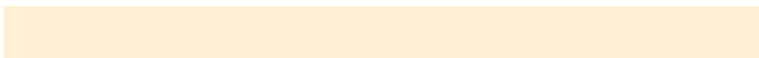
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.5830, 5.6286, -32.0833



245.0210, 4.9196, 8.7516



241.2930, -14.4414, 12.0210

Complementary

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



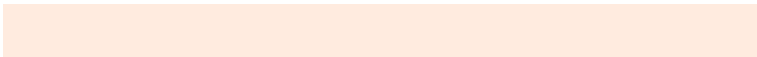
238.5830, 5.6286, -32.0833



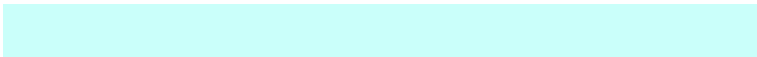
218.4170, -5.6286, 32.0833

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.



239.6120, -8.1897, 13.4953



238.5830, 5.6286, -32.0833



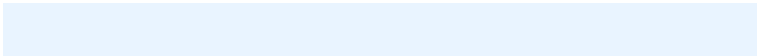
242.6730, 6.0772, 10.8108

Square

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



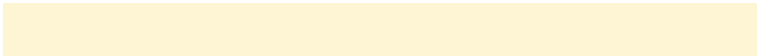
238.5830, 5.6286, -32.0833



241.9650, 6.4263, -7.8623



240.2620, -0.6222, 12.9252



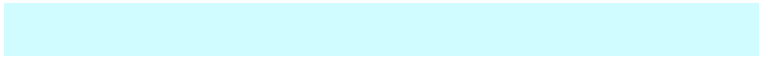
243.5160, -16.0304, 8.3175

Rectangle

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



238.5830, 5.6286, -32.0833



238.5990, 8.0857, -26.8353



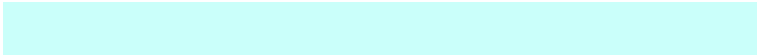
240.2620, -0.6222, 12.9252



240.4610, -12.5523, 12.7507

Sweetspot

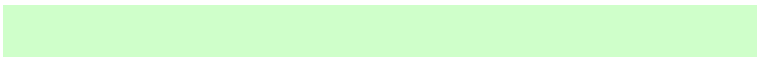
The Sweet Spot groups the original color and five complimentary colors.



238.5830, 5.6286, -32.0833



250.4010, 1.7743, -9.1217



234.6060, -16.0748, -24.2105



125.1950, 0.8899, -5.4330



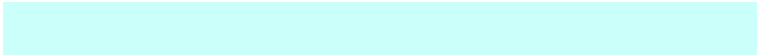
0.0000, 0.0000, 0.0000



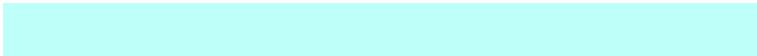
128.0000, 0.0000, 0.0000

Same Dimension

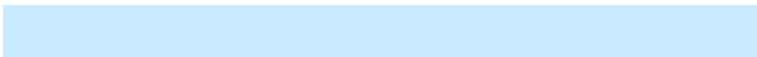
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.5830, 5.6286, -32.0833



235.1800, 6.8133, -38.7459



226.8260, 13.8898, -21.7724



123.8850, 1.0427, -7.7921



131.8390, 20.2924, -115.6228



44.1800, 6.8133, -38.7459

Inverse Universe

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



218.4170, -5.6286, 32.0833



210.8200, -6.8133, 38.7459



230.1740, -13.8898, 21.7724



119.0010, -1.4795, 7.8921



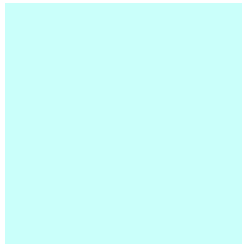
59.1610, -20.2924, 115.6228



19.8200, -6.8133, 38.7459

Previews

White Background



This preview shows how the YUV color 238.5830, 5.6286, -32.0833 looks on a white background.

Color Contrast Check

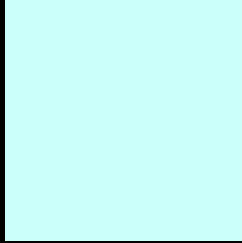
Large Text (above 18pt) WCAG AA × Fail

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 238.5830, 5.6286, -32.0833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

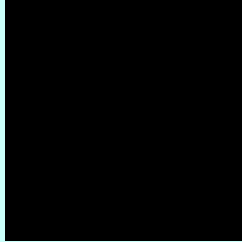
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

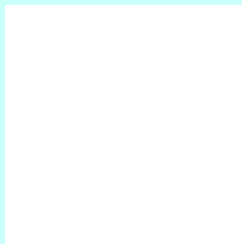
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 238.5830, 5.6286, -32.0833

Background



This preview shows how black text looks on a background with the YUV color 238.5830, 5.6286, -32.0833.



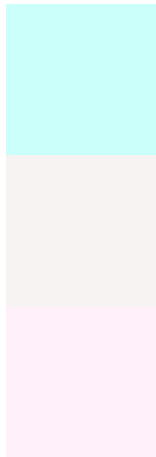
This preview shows how white text looks on a background with the YUV color 238.5830, 5.6286, -32.0833.

-32.0833.

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

238.5830, 5.6286, -32.0833

Protanopia

244.4950, -0.7370, 3.0739

Deuteranopia

245.6250, 2.1569, 8.2219



Tritanopia

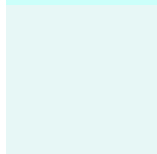
243.1280, 5.8529, -10.6363

Trichromacy



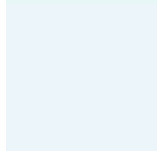
Original Color

238.5830, 5.6286, -32.0833



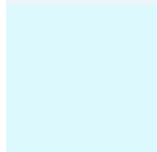
Protanomaly

242.1020, 1.9217, -9.7365



Deuteranomaly

242.8790, 3.5107, -6.0329



Tritanomaly

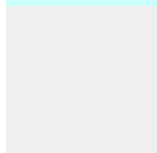
241.3720, 5.7326, -18.7432

Monochromacy



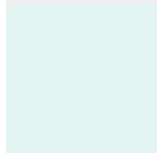
Original Color

238.5830, 5.6286, -32.0833



Achromatopsia

239.0000, 0.0000, 0.0000



Achromatomaly

239.0910, 1.9271, -11.4808

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.5830, 5.6286, -32.0833 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(202, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(202, 255, 250)  
}
```

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(202, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 255, 250) }
```

Border

The CSS property to change the border of an element to YUV 238.5830, 5.6286, -32.0833 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(202, 255, 250) }
```


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

```
.border{ border-color:rgb(202, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(202, 255,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 238.5830, 5.6286, -32.0833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 255, 250) }
```

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

```
.background{ background-color: rgb(202,  
255, 250) }
```

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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