

Converting Colors

YUV(218.3330, 8.2168,
-22.2170)

Have a look what the booklet for
YUV(218.3330, 8.2168, -22.2170)
contains.

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Color

**YUV(218.3330, 8.2168,
-22.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E4EB
RGB	193, 228, 235
RGB Percent	76%, 89%, 92%
CMY	0.2431, 0.1059, 0.0784
CMYK	0.18, 0.03, 0.00, 0.08
HSL	190°, 51%, 84%
HSV	190°, 18%, 92%
XYZ	64.7311, 72.8224, 89.2417
YIQ	218.3330, -23.1070, -5.2430

Conversions

Conversions Part 2

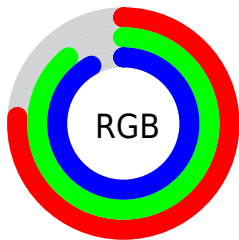
Format	Color
R_{YB}	193, 212, 235
Decimal	12707051
CIE _{Lab}	88.36, -9.93, -7.23
CIE _{LCh}	88, 12.287, 216.060
Yxy	72.8224, 0.2854, 0.3211
Android (android.graphics.Color)	4290897131 (0xFFC1E4EB)
YUV	218.3330, 8.2168, -22.2170
Hunter-Lab	85.3361, -13.9381, -2.2683

Details

The YUV color $218.3330, 8.2168, -22.2170$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $209.6670, -8.2168, 22.2170$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5050, 0.7370, -3.0739$, and $163.5180, 7.6326, -21.5023$ is the 20% darker color. If you saturate the color by 10%, you get $209.1080, 12.7648, -34.2977$, and if you desaturate by 10%, it is $227.8570, 3.5215, -9.5216$.

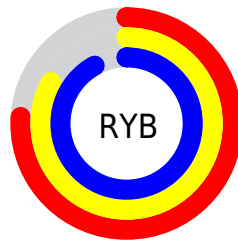
Distribution



Red (76%)

Green (89%)

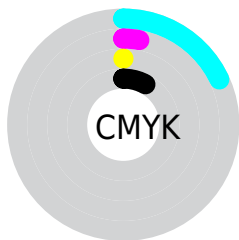
Blue (92%)



Red (76%)

Yellow (83%)

Blue (92%)

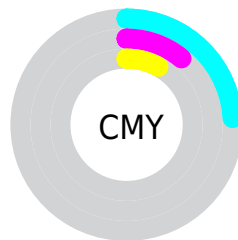


Cyan (18%)

Magenta (3%)

Yellow (0%)

Black (8%)



Cyan (24%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.3330, 8.2168, -22.2170 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 218.3330, 8.2168, -22.2170 by changing the saturation by 10% instead.

■ 218.3330, 8.2168,
-22.2170

■ 218.3330, 8.2168,
-22.2170

■ 255.0000, 0.0000,
0.0000

■ 190.6320, 8.0694,
-21.6023

■ 253.5050, 0.7370,
-3.0739

■ 163.5180, 7.6326,
-21.5023

■ 136.9310, 7.9220,
-20.9875

■ 111.2300, 7.7746,
-20.3727

■ 86.2300, 7.7746,
-20.3727

■ 63.1160, 7.3378,
-20.2727

■ 39.8170, 7.4852,

-20.8875

■ 20.3120, 6.7482,
-17.8136

■ 1.2540, 4.8048,
-1.0998

■ 218.3330, 8.2168,
-22.2170

■ 218.3330, 8.2168,
-22.2170

■ 209.1080, 12.7648,
-34.2977

■ 227.8570, 3.5215,
-9.5216

■ 199.5840, 17.4601,
-46.9932

■ 237.0820, -1.0264,
2.5591

■ 190.0600, 22.1554,
-59.6886

■ 243.9150, -4.3951,
9.7215

■ 180.8350, 26.7033,
-71.7693

■ 246.2630, -5.5527,
7.6623

■ 171.3110, 31.3987,
-84.4647

■ 248.6110, -6.7102,
5.6032

■ 162.6730, 35.6572,
-97.0602

■ 250.3720, -7.5784,
4.0588

■ 153.4480, 40.2051,
-109.1409

■ 252.7200, -8.7360,
1.9996

■ 143.9240, 44.9005,
-121.8363

■ 141.8420, 45.9269,
-124.3954

Harmonies

Analogous

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



217.9650, 2.9753, -21.0173



218.3330, 8.2168, -22.2170



220.1640, 11.2581, -17.6838

Triad

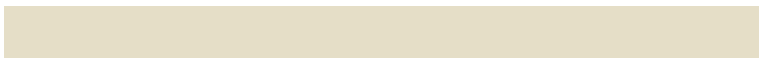
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218.3330, 8.2168, -22.2170



224.0000, 3.4510, 13.1550



221.4710, -11.0782, 6.6029

Complementary

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



218.3330, 8.2168, -22.2170



209.6670, -8.2168, 22.2170

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.



222.6400, -10.6685, 15.2247



218.3330, 8.2168, -22.2170



224.2520, -2.0962, 19.0730

Square

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



218.3330, 8.2168, -22.2170



223.3130, 8.7197, 3.2335



223.7700, -7.7746, 20.3727



219.8010, -8.2829, -3.3335

Rectangle

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



218.3330, 8.2168, -22.2170



221.0230, 11.8207, -11.4212



223.7700, -7.7746, 20.3727



221.4930, -11.0890, 10.0916

Sweetspot

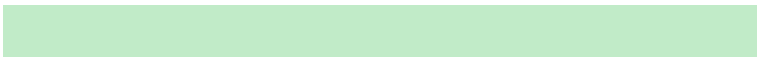
The Sweet Spot groups the original color and five complimentary colors.



218.3330, 8.2168, -22.2170



249.9390, 2.4951, -6.9625



218.4520, -9.0968, -22.3214



124.4340, 1.7580, -3.8886



0.0000, 0.0000, 0.0000



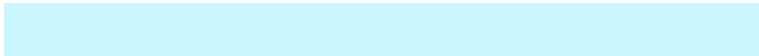
128.0000, 0.0000, 0.0000

Same Dimension

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



218.3330, 8.2168, -22.2170



233.5710, 10.5645, -28.5648



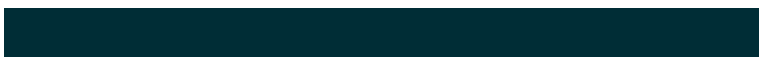
206.5930, 14.0047, -11.9211



112.5370, 2.2003, -5.7329



109.2710, 35.3624, -95.8307



32.5710, 10.5645, -28.5648

Inverse Universe

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



209.5480, 9.0968, 22.3214



222.2760, 11.6959, 28.6989



221.9940, -14.2940, 11.4063



110.3150, 2.3097, 5.8627



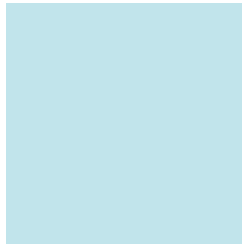
71.3330, 39.2758, 96.1780



21.2760, 11.6959, 28.6989

Previews

White Background



This preview shows how the YUV color 218.3330, 8.2168, -22.2170 looks on a white background.

Color Contrast Check

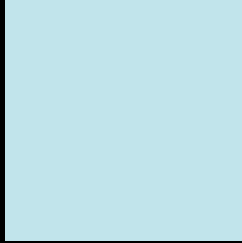
Large Text (above 18pt) WCAG AA × Fail

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 218.3330, 8.2168, -22.2170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

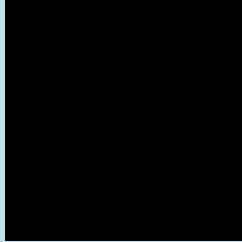
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.3330, 8.2168, -22.2170

Background



This preview shows how black text looks on a background with the YUV color 218.3330, 8.2168, -22.2170.



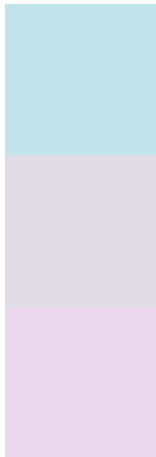
This preview shows how white text looks on a background with the YUV color 218.3330, 8.2168, -22.2170.

-22.2170.

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

218.3330, 8.2168, -22.2170

Protanopia

222.0370, 3.9258, 0.8446

Deuteranopia

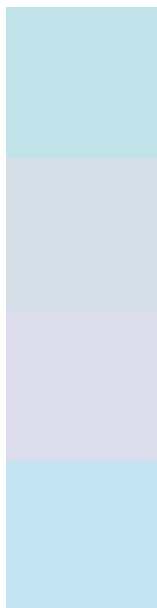
223.6020, 7.0982, 9.9960



Tritanopia

218.8970, 12.8688, -20.9577

Trichromacy



Original Color

218.3330, 8.2168, -22.2170

Protanomaly

220.7370, 5.5527, -7.6623

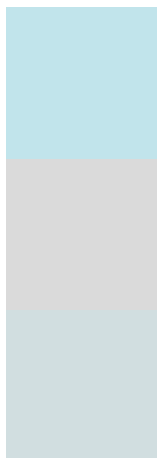
Deuteranomaly

221.9380, 7.4256, -1.6996

Tritanomaly

218.7290, 10.9796, -21.6873

Monochromacy



Original Color

218.3330, 8.2168, -22.2170

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.3410, 2.7899, -8.1921

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.3330, 8.2168, -22.2170 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(193, 228, 235)` looks like.

```
.text, #text, p{  
    color:rgb(193, 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(193, 228, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 228, 235) }
```

Border

The CSS property to change the border of an element to YUV 218.3330, 8.2168, -22.2170 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(193, 228, 235) }
```


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

```
.border{ border-color:rgb(193, 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(193, 228, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 228, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 228, 235); box-shadow:4px 4px 4px 4px rgb(193, 228, 235) }
```

Background

The CSS property to change the background color of an element to YUV 218.3330, 8.2168, -22.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 228, 235) }
```

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

```
.background{ background-color: rgb(193,  
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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