

Converting Colors

YUV(218.1060, 5.8637,
-14.1250)

Have a look what the booklet for
YUV(218.1060, 5.8637, -14.1250)
contains.

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Color

**YUV(218.1060, 5.8637,
-14.1250)**

Conversions

Conversions Part 1

Format	Color
Hex	CAE0E6
RGB	202, 224, 230
RGB Percent	79%, 88%, 90%
CMY	0.2078, 0.1216, 0.0980
CMYK	0.12, 0.03, 0.00, 0.10
HSL	193°, 36%, 85%
HSV	193°, 12%, 90%
XYZ	65.2957, 71.5810, 85.2380
YIQ	218.1060, -15.0380, -2.7980

Conversions

Conversions Part 2

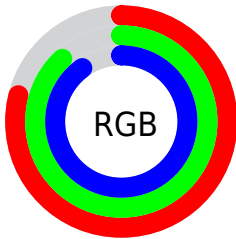
Format	Color
R_{YB}	202, 214, 230
Decimal	13295846
CIE _{Lab}	87.77, -6.09, -5.42
CIE _{LCh}	88, 8.149, 221.677
Yxy	71.5810, 0.2940, 0.3223
Android (android.graphics.Color)	4291485926 (0xFFCAE0E6)
YUV	218.1060, 5.8637, -14.1250
Hunter-Lab	84.6056, -10.2995, -0.5093

Details

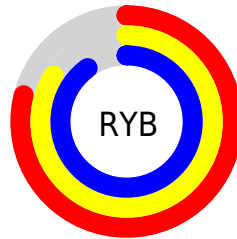
The YUV color $218.1060, 5.8637, -14.1250$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $213.8940, -5.8637, 14.1250$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $163.4050, 5.7163, -13.5102$ is the 20% darker color. If you saturate the color by 10%, you get $208.2940, 10.7011, -25.6908$, and if you desaturate by 10%, it is $227.9180, 1.0264, -2.5591$.

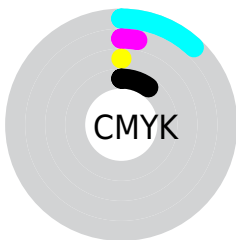
Distribution



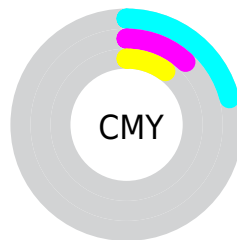
- Red (79%)
- Green (88%)
- Blue (90%)



- Red (79%)
- Yellow (84%)
- Blue (90%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (21%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.1060, 5.8637, -14.1250 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 218.1060, 5.8637, -14.1250 by changing the saturation by 10% instead.

■ 218.1060, 5.8637,
-14.1250

■ 218.1060, 5.8637,
-14.1250

255.0000, 0.0000,
0.0000

■ 190.1060, 5.8637,
-14.1250

■ 163.4050, 5.7163,
-13.5102

■ 136.7040, 5.5689,
-12.8954

■ 111.5900, 5.1321,
-12.7954

■ 86.8890, 4.9847,
-12.1807

■ 63.8890, 4.9847,
-12.1807

■ 41.1880, 4.8373,

-11.5659

■ 20.4760, 4.6953,
-12.6955

■ 0.4560, 1.7472,
-0.3999

■ 218.1060, 5.8637,
-14.1250

■ 218.1060, 5.8637,
-14.1250

■ 208.2940, 10.7011,
-25.6908

■ 227.9180, 1.0264,
-2.5591

■ 198.4820, 15.5384,
-37.2567

■ 237.7300, -3.8109,
9.0068

■ 188.6700, 20.3757,
-48.8226

■ 242.7580, -6.2897,
10.7362

■ 178.8580, 25.2130,
-60.3885

■ 245.6930, -7.7366,
8.1622

■ 169.0460, 30.0503,
-71.9543

■ 248.6280, -9.1836,
5.5882

■ 159.2340, 34.8876,
-83.5202

■ 251.5630,
-10.6306, 3.0142

■ 149.4220, 39.7250,
-95.0861

■ 252.1500,
-10.9200, 2.4994

■ 140.1970, 44.2729,
-107.1668

■ 132.4670, 48.0838,
-116.1736

Harmonies

Analogous

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



217.8950, 2.5168, -13.9399



218.1060, 5.8637, -14.1250



218.8830, 7.4527, -10.4214

Triad

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



218.1060, 5.8637, -14.1250



221.5220, 1.7147, 10.0662



219.1870, -6.9942, 3.3440

Complementary

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



218.1060, 5.8637, -14.1250



213.8940, -5.8637, 14.1250

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.



220.5190, -7.1579, 9.1918



218.1060, 5.8637, -14.1250



221.8060, -2.3694, 13.3251

Square

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



218.1060, 5.8637, -14.1250



221.1020, 5.3727, 3.4185



221.2960, -5.5689, 12.8954



218.5990, -5.2253, -4.0333

Rectangle

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



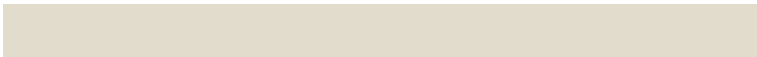
218.1060, 5.8637, -14.1250



220.2040, 7.2944, -6.3179



221.2960, -5.5689, 12.8954



220.0840, -7.4364, 5.1883

Sweetspot

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



218.1060, 5.8637, -14.1250



250.8360, 2.0529, -5.1182



219.1200, -5.4822, -15.0142



124.7330, 1.6106, -3.2738



0.0000, 0.0000, 0.0000



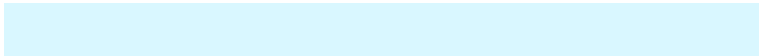
128.0000, 0.0000, 0.0000

Same Dimension

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



218.1060, 5.8637, -14.1250



238.9420, 7.9166, -19.2431



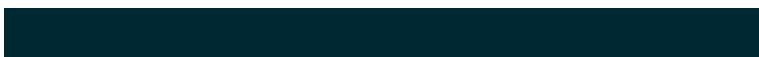
209.8880, 9.9152, -6.9178



109.6510, 2.6371, -5.8329



102.5860, 37.6721, -89.9679



29.2940, 10.7011, -25.6908

Inverse Universe

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



212.8800, 5.4822, 15.0142



231.7820, 7.5025, 20.3622



222.1120, -9.9152, 6.9178



107.6140, 2.1623, 6.4775



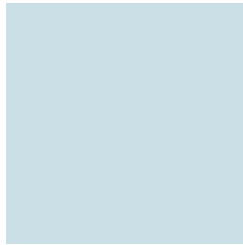
69.4810, 34.7659, 96.0482



19.8090, 9.9542, 27.3545

Previews

White Background



This preview shows how the YUV color 218.1060, 5.8637, -14.1250 looks on a white background.

Color Contrast Check

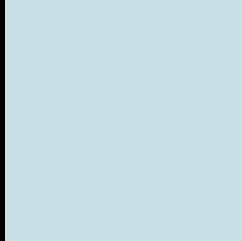
Large Text (above 18pt) WCAG AA × Fail

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 218.1060, 5.8637, -14.1250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

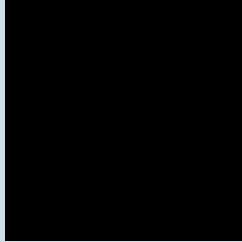
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

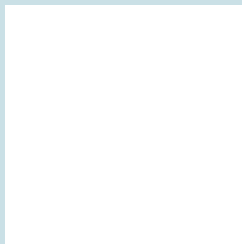
Any Text WCAG AAA ✓ Pass

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

YUV 218.1060, 5.8637, -14.1250 Background



This preview shows how black text looks on a background with the YUV color 218.1060, 5.8637, -14.1250.



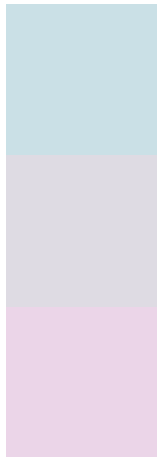
This preview shows how white text looks on a background with the YUV color 218.1060, 5.8637,

-14.1250.

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

218.1060, 5.8637, -14.1250

Protanopia

220.8090, 3.0522, 1.0445

Deuteranopia

221.7440, 5.0562, 11.6255



Tritanopia

218.6700, 10.5157, -12.8656

Trichromacy



Original Color

218.1060, 5.8637, -14.1250

Protanomaly

220.0040, 3.9420, -4.3885

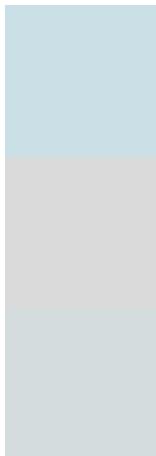
Deuteranomaly

220.3900, 5.2307, 2.2890

Tritanomaly

218.5020, 8.6265, -13.5953

Monochromacy



Original Color

218.1060, 5.8637, -14.1250

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.8360, 2.0529, -5.1182

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.1060, 5.8637, -14.1250 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, 224, 230)` looks like.

```
.text, #text, p{  
    color:rgb(202, 224, 230)  
}
```

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, 224, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 224, 230) }
```

Border

The CSS property to change the border of an element to YUV 218.1060, 5.8637, -14.1250 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, 224, 230) }
```


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

```
.border{ border-color:rgb(202, 224, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 224, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 224, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 224, 230);  
box-shadow:4px 4px 4px 4px rgb(202, 224,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 218.1060, 5.8637, -14.1250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 224, 230) }
```

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

```
.background{ background-color: rgb(202,  
224, 230) }
```

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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