

Converting Colors

YUV(230.8510, 2.5385,
-20.9173)

Have a look what the booklet for
YUV(230.8510, 2.5385, -20.9173)
contains.

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Color

**YUV(230.8510, 2.5385,
-20.9173)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CFF2EC |
| RGB | 207, 242, 236 |
| RGB Percent | 81%, 95%, 93% |
| CMY | 0.1882, 0.0510, 0.0745 |
| CMYK | 0.14, 0.00, 0.02, 0.05 |
| HSL | 170°, 57%, 88% |
| HSV | 170°, 14%, 95% |
| XYZ | 72.6246, 82.8258, 91.5161 |
| YIQ | 230.8510, -18.9340, -9.2860 |

Conversions

Conversions Part 2

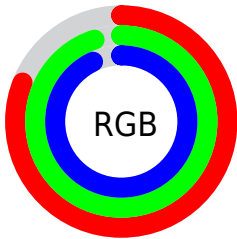
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 207, 226, 242 |
| Decimal | 13628140 |
| CIE Lab | 92.94, -12.45, -0.92 |
| CIE LCh | 93, 12.487, 184.229 |
| Yxy | 82.8258, 0.2941, 0.3354 |
| Android (android.graphics.Color) | 4291818220 (0xFFCFF2EC) |
| YUV | 230.8510, 2.5385, -20.9173 |
| Hunter-Lab | 91.0087, -16.8229, 4.0855 |

Details

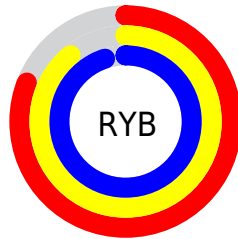
The YUV color $230.8510, 2.5385, -20.9173$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $218.1490, -2.5385, 20.9173$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.1500, 2.3910, -20.3026$ is the 20% darker color. If you saturate the color by 10%, you get $223.2190, 4.3290, -35.2721$, and if you desaturate by 10%, it is $238.4830, 0.7479, -6.5626$.

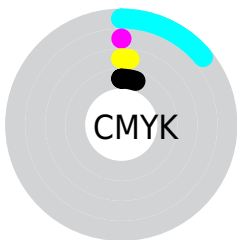
Distribution



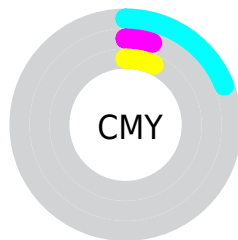
- Red (81%)
- Green (95%)
- Blue (93%)



- Red (81%)
- Yellow (89%)
- Blue (95%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (19%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.8510, 2.5385, -20.9173 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 230.8510, 2.5385, -20.9173 by changing the saturation by 10% instead.

■ 230.8510, 2.5385,
-20.9173

■ 230.8510, 2.5385,
-20.9173

255.0000, 0.0000,
0.0000

■ 202.8510, 2.5385,
-20.9173

■ 175.1500, 2.3910,
-20.3026

■ 148.4490, 2.2436,
-19.6878

■ 122.8620, 2.5330,
-19.1730

■ 97.2750, 2.8224,
-18.6582

■ 73.5740, 2.6750,
-18.0434

■ 50.5740, 2.6750,

-18.0434

■ 28.2750, 2.8224,
-18.6582

■ 11.9340, 0.0325,
-10.4661

■ 230.8510, 2.5385,
-20.9173

■ 230.8510, 2.5385,
-20.9173

■ 223.2190, 4.3290,
-35.2721

■ 238.4830, 0.7479,
-6.5626

■ 215.5870, 6.1196,
-49.6268

■ 246.1150, -1.0427,
7.7921

■ 207.6560, 8.0576,
-64.5963

■ 246.5710, 0.7045,
7.3922

■ 199.9100, 9.4114,
-78.8511

■ 247.1410, 2.8885,
6.8923

■ 192.2780, 11.2019,
-93.2058

■ 247.3690, 3.7621,
6.6924

■ 184.6460, 12.9925,
-107.5605

■ 177.0140, 14.7831,
-121.9153

■ 169.0830, 16.7211,
-136.8848

■ 164.9680, 17.7638,
-144.6769

Harmonies

Analogous

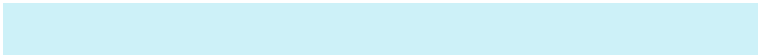
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.5870, -3.7404, -13.6698



230.8510, 2.5385, -20.9173



231.0340, 8.3642, -22.8318

Triad

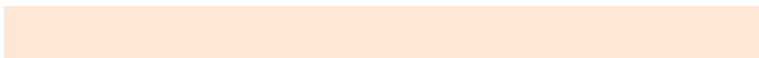
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.8510, 2.5385, -20.9173



236.1280, 9.3039, 2.5187



235.8250, -11.2527, 15.9395

Complementary

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



230.8510, 2.5385, -20.9173



218.1490, -2.5385, 20.9173

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.



235.3890, -6.6008, 17.1988



230.8510, 2.5385, -20.9173



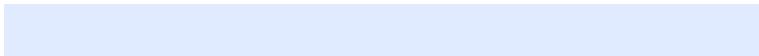
237.1140, 3.8878, 13.0550

Square

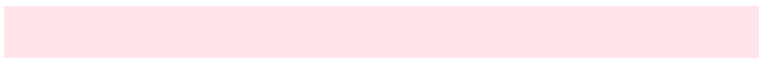
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



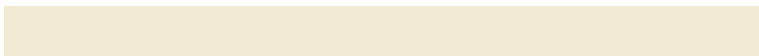
230.8510, 2.5385, -20.9173



233.9910, 10.3574, -8.7621



236.0560, -1.5066, 16.6139



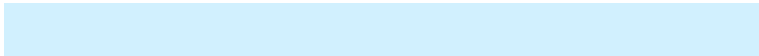
234.0690, -11.3730, 7.8325

Rectangle

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



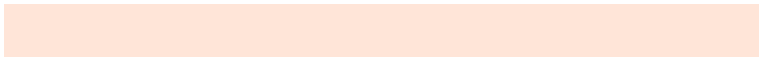
230.8510, 2.5385, -20.9173



232.3270, 10.6848, -20.4578



236.0560, -1.5066, 16.6139



235.2920, -9.5110, 17.2839

Sweetspot

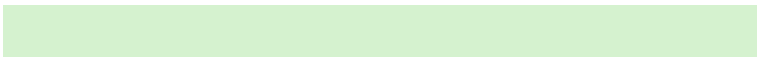
The Sweet Spot groups the original color and five complimentary colors.



230.8510, 2.5385, -20.9173



251.7820, 0.6005, -5.9478



229.3390, -11.0131, -14.3293



125.6790, 0.1583, -4.1035



0.0000, 0.0000, 0.0000



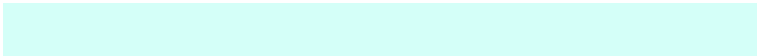
128.0000, 0.0000, 0.0000

Same Dimension

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



230.8510, 2.5385, -20.9173



241.3450, 3.2809, -25.7356



225.0780, 8.3425, -15.8544



116.1840, 0.8953, -7.1774



125.3360, 13.1454, -109.9197



38.1160, 3.8868, -33.4277

Inverse Universe

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



218.1490, -2.5385, 20.9173



225.6550, -3.2809, 25.7356



223.9220, -8.3425, 15.8544



111.8160, -0.8953, 7.1774



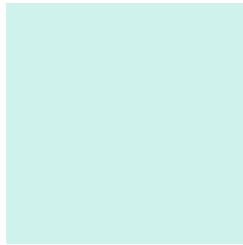
58.5500, -13.5821, 110.0196



17.8840, -3.8868, 33.4277

Previews

White Background



This preview shows how the YUV color 230.8510, 2.5385, -20.9173 looks on a white background.

Color Contrast Check

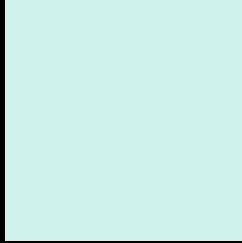
Large Text (above 18pt) WCAG AA × Fail

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 230.8510, 2.5385, -20.9173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

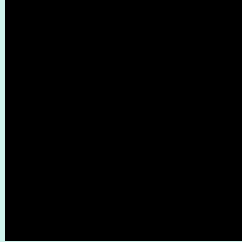
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

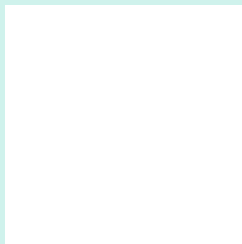
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.8510, 2.5385, -20.9173

Background



This preview shows how black text looks on a background with the YUV color 230.8510, 2.5385, -20.9173.



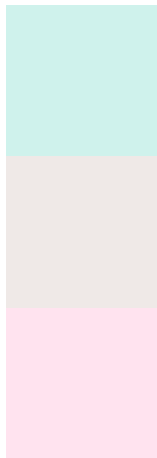
This preview shows how white text looks on a background with the YUV color 230.8510, 2.5385, -20.9173.

-20.9173.

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

230.8510, 2.5385, -20.9173

Protanopia

234.5660, -1.7580, 3.8886

Deuteranopia

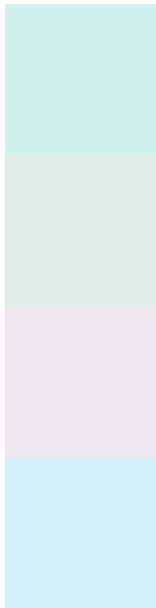
236.7400, 1.1142, 16.0140



Tritanopia

232.7620, 10.9633, -16.4543

Trichromacy



Original Color

230.8510, 2.5385, -20.9173

Protanomaly

232.9670, 0.0163, -5.2331

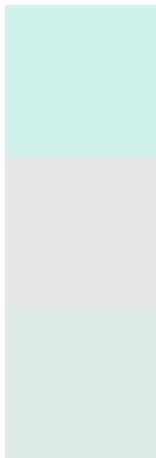
Deuteranomaly

234.4780, 1.7363, 3.0888

Tritanomaly

231.6540, 8.0586, -18.1136

Monochromacy



Original Color

230.8510, 2.5385, -20.9173

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

230.8850, 1.0427, -7.7921

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.8510, 2.5385, -20.9173 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(207, 242, 236)` looks like.

```
.text, #text, p{  
    color:rgb(207, 242, 236)  
}
```

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(207, 242, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 242, 236) }
```

Border

The CSS property to change the border of an element to YUV 230.8510, 2.5385, -20.9173 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(207, 242, 236) }
```


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

```
.border{ border-color:rgb(207, 242, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 242, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 242, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 242, 236);  
box-shadow:4px 4px 4px 4px rgb(207, 242,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 230.8510, 2.5385, -20.9173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 242, 236) }
```

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

```
.background{ background-color: rgb(207,  
242, 236) }
```

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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