

Converting Colors

YUV(227.3930, 7.2013,
-23.1467)

Have a look what the booklet for
YUV(227.3930, 7.2013, -23.1467)
contains.

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Color

**YUV(227.3930, 7.2013,
-23.1467)**

Conversions

Conversions Part 1

Format	Color
Hex	C9EEF2
RGB	201, 238, 242
RGB Percent	79%, 93%, 95%
CMY	0.2118, 0.0667, 0.0510
CMYK	0.17, 0.02, 0.00, 0.05
HSL	186°, 61%, 87%
HSV	186°, 17%, 95%
XYZ	70.6889, 79.9774, 95.7159
YIQ	227.3930, -23.3360, -6.6000

Conversions

Conversions Part 2

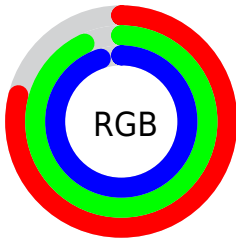
Format	Color
R_{YB}	201, 220, 242
Decimal	13233906
CIE _{Lab}	91.67, -11.11, -5.94
CIE _{LCh}	92, 12.596, 208.155
Yxy	79.9774, 0.2869, 0.3246
Android (android.graphics.Color)	4291423986 (0xFFC9EEF2)
YUV	227.3930, 7.2013, -23.1467
Hunter-Lab	89.4301, -15.4094, -0.8563

Details

The YUV color $227.3930, 7.2013, -23.1467$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $215.6070, -7.2013, 23.1467$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.6920, 7.0538, -22.5319$ is the 20% darker color. If you saturate the color by 10%, you get $219.0430, 11.3178, -36.8717$, and if you desaturate by 10%, it is $235.7430, 3.0847, -9.4216$.

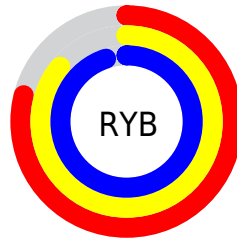
Distribution



Red (79%)

Green (93%)

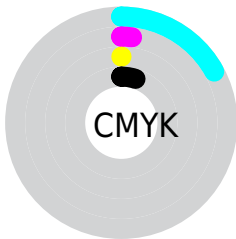
Blue (95%)



Red (79%)

Yellow (86%)

Blue (95%)

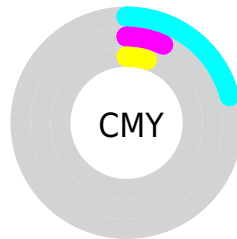


Cyan (17%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (21%)

Magenta (7%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.3930, 7.2013, -23.1467 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 227.3930, 7.2013, -23.1467 by changing the saturation by 10% instead.

■ 227.3930, 7.2013,
-23.1467

■ 227.3930, 7.2013,
-23.1467

255.0000, 0.0000,
0.0000

■ 199.3930, 7.2013,
-23.1467

■ 171.6920, 7.0538,
-22.5319

■ 144.9910, 6.9064,
-21.9171

■ 119.2900, 6.7590,
-21.3023

■ 94.2900, 6.7590,
-21.3023

■ 70.1760, 6.3222,
-21.2024

■ 47.1760, 6.3222,

-21.2024

■ 24.9910, 6.9064,
-21.9171

■ 9.0960, 4.3897,
-7.9772

■ 227.3930, 7.2013,
-23.1467

■ 227.3930, 7.2013,
-23.1467

■ 219.0430, 11.3178,
-36.8717

■ 235.7430, 3.0847,
-9.4216

■ 210.1060, 15.7237,
-50.0820

■ 244.6800, -1.3212,
3.7886

■ 201.4570, 19.9877,
-64.4218

■ 247.6480, -2.7845,
6.4477

■ 193.1070, 24.1042,
-78.1468

■ 248.8220, -3.3632,
5.4181

■ 184.1700, 28.5102,
-91.3571

■ 250.5830, -4.2314,
3.8737

■ 175.8200, 32.6267,
-105.0821

■ 251.7570, -4.8102,
2.8441

■ 166.8830, 37.0327,
-118.2924

■ 253.5180, -5.6784,
1.2997

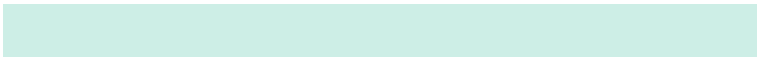
■ 158.2340, 41.2966,
-132.6322

■ 155.5540, 42.6179,
-136.4209

Harmonies

Analogous

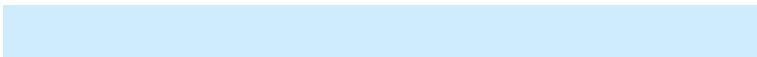
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.2210, 1.3700, -19.4878



227.3930, 7.2013, -23.1467



228.7400, 10.9742, -19.9430

Triad

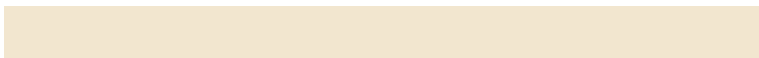
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.3930, 7.2013, -23.1467



233.4450, 5.2036, 11.0107



230.9660, -11.8152, 9.6768

Complementary

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



227.3930, 7.2013, -23.1467



215.6070, -7.2013, 23.1467

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.



232.3630, -10.5320, 18.0986



227.3930, 7.2013, -23.1467



233.5940, -0.7858, 18.7731

Square

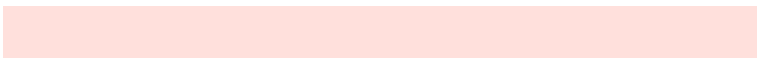
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.3930, 7.2013, -23.1467



232.2310, 9.7461, 0.6744



232.8130, -6.3168, 19.4580



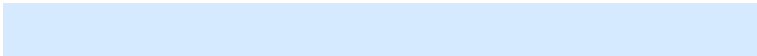
229.7690, -9.7461, -0.6744

Rectangle

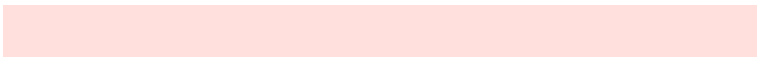
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



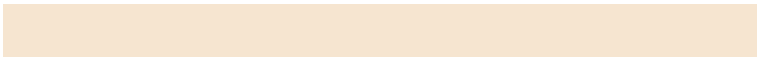
227.3930, 7.2013, -23.1467



230.0010, 11.8315, -14.9099



232.8130, -6.3168, 19.4580



231.6890, -11.6787, 12.5507

Sweetspot

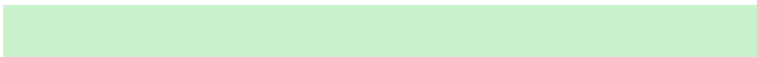
The Sweet Spot groups the original color and five complimentary colors.



227.3930, 7.2013, -23.1467



250.5260, 2.2057, -7.4773



225.4090, -10.5546, -21.4067



125.0210, 1.4686, -4.4034



0.0000, 0.0000, 0.0000



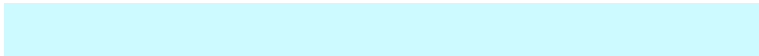
128.0000, 0.0000, 0.0000

Same Dimension

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



227.3930, 7.2013, -23.1467



236.8160, 8.9647, -28.7796



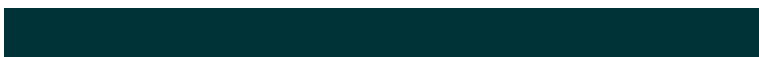
215.6530, 12.9891, -12.8507



115.8250, 2.0583, -6.8625



118.4180, 32.3319, -103.8526



36.3210, 9.7017, -31.8535

Inverse Universe

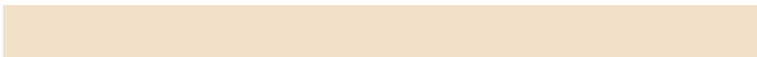
The Inverse Universe completely reimagines the original color for something new.



217.4770, 10.1178, 21.5067



224.4930, 12.5750, 26.7546



227.3470, -12.9891, 12.8507



112.8420, 3.0359, 6.2776



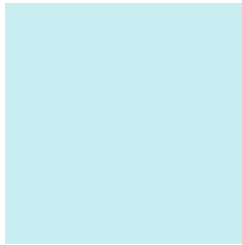
73.9400, 45.3856, 96.5226



22.5580, 14.0219, 29.3286

Previews

White Background



This preview shows how the YUV color 227.3930, 7.2013, -23.1467 looks on a white background.

Color Contrast Check

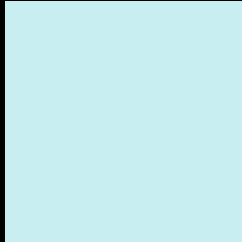
Large Text (above 18pt) WCAG AA × Fail

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 227.3930, 7.2013, -23.1467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

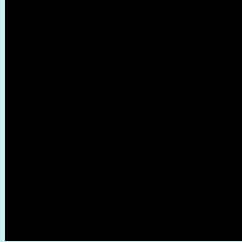
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 227.3930, 7.2013, -23.1467

Background



This preview shows how black text looks on a background with the YUV color 227.3930, 7.2013, -23.1467.



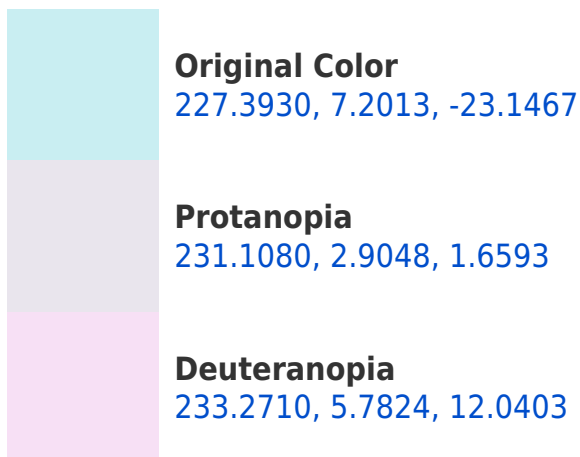
This preview shows how white text looks on a background with the YUV color 227.3930, 7.2013, -23.1467.

-23.1467.

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

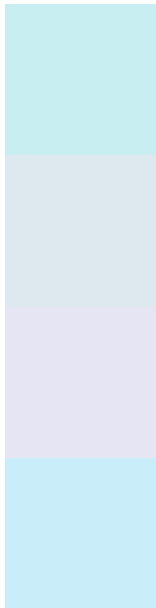




Tritanopia

228.2990, 13.1636, -22.1872

Trichromacy



Original Color

227.3930, 7.2013, -23.1467

Protanomaly

229.5090, 4.6791, -7.4624

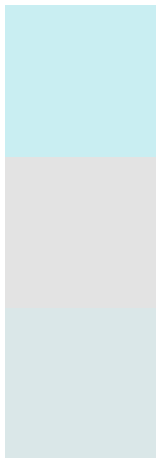
Deuteranomaly

231.0090, 6.4046, -0.8849

Tritanomaly

228.0170, 10.8376, -22.8169

Monochromacy



Original Color

227.3930, 7.2013, -23.1467

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.2270, 2.3531, -8.0921

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.3930, 7.2013, -23.1467 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(201, 238, 242)` looks like.

```
.text, #text, p{  
    color:rgb(201, 238, 242)  
}
```

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(201, 238, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 238, 242) }
```

Border

The CSS property to change the border of an element to YUV 227.3930, 7.2013, -23.1467 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(201, 238, 242) }
```


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

```
.border{ border-color:rgb(201, 238, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 238, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 238, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 238, 242);  
box-shadow:4px 4px 4px 4px rgb(201, 238,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 227.3930, 7.2013, -23.1467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 238, 242) }
```

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

```
.background{ background-color: rgb(201,  
238, 242) }
```

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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