

Converting Colors

YUV(230.8950, -31.0072,
5.3541)

Have a look what the booklet for
YUV(230.8950, -31.0072, 5.3541)
contains.

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Color

**YUV(230.8950, -31.0072,
5.3541)**

Conversions

Conversions Part 1

Format	Color
Hex	EDF0A8
RGB	237, 240, 168
RGB Percent	93%, 94%, 66%
CMY	0.0706, 0.0588, 0.3412
CMYK	0.01, 0.00, 0.30, 0.06
HSL	62°, 71%, 80%
HSV	62°, 30%, 94%
XYZ	73.1530, 83.1519, 49.2401
YIQ	230.8950, 21.3240, -23.0280

Conversions

Conversions Part 2

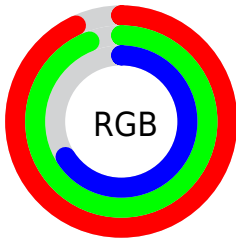
Format	Color
RYB	168, 240, 171
Decimal	15593640
CIELab	93.08, -11.96, 34.56
CIELCh	93, 36.568, 109.095
Yxy	83.1519, 0.3559, 0.4045
Android (android.graphics.Color)	4293783720 (0xFFEDF0A8)
YUV	230.8950, -31.0072, 5.3541
Hunter-Lab	91.1876, -16.3812, 31.8155

Details

The YUV color $230.8950, -31.0072, 5.3541$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $177.1050, 31.0072, -5.3541$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.4660, -13.5407, 3.0993$, and $174.9380, -29.5494, 4.4394$ is the 20% darker color. If you saturate the color by 10%, you get $227.8600, -41.3430, 7.1388$, and if you desaturate by 10%, it is $233.9300, -20.6715, 3.5694$.

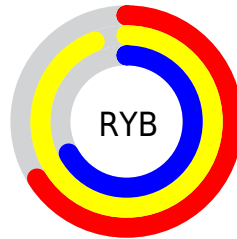
Distribution



Red (93%)

Green (94%)

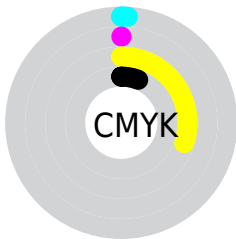
Blue (66%)



Red (66%)

Yellow (94%)

Blue (67%)

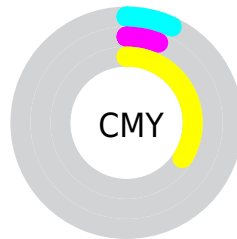


Cyan (1%)

Magenta (0%)

Yellow (30%)

Black (6%)



Cyan (7%)

Magenta (6%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.8950, -31.0072, 5.3541 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 230.8950, -31.0072, 5.3541 by changing the saturation by 10% instead.

■ 230.8950,
-31.0072, 5.3541

■ 230.8950,
-31.0072, 5.3541

■ 255.0000, 0.0000,
0.0000

■ 202.7100,
-30.4230, 4.6393

■ 251.4660,
-13.5407, 3.0993

■ 174.9380,
-29.5494, 4.4394

■ 254.7720, -0.8736,
0.2000

■ 148.1660,
-28.6758, 4.2394

■ 122.0950,
-27.6548, 3.4247

■ 96.9100, -27.0706,
2.7099

■ 72.6110, -26.9232,
2.0952

■ 50.1810, -24.7392,

1.5953

■ 30.0910, -14.8349,
-1.8338

■ 10.5660, -5.2090,
-9.2664

■ 230.8950,
-31.0072, 5.3541

■ 230.8950,
-31.0072, 5.3541

■ 227.8600,
-41.3430, 7.1388

■ 233.9300,
-20.6715, 3.5694

■ 224.8250,
-51.6787, 8.9235

■ 236.9650,
-10.3357, 1.7847

■ 221.7900,
-62.0145, 10.7082

■ 240.0000, 0.0000,
0.0000

■ 218.7550,
-72.3502, 12.4929

■ 242.0090, 6.4046,
-0.8849

■ 215.7200,
-82.6860, 14.2776

■ 242.3080, 6.2572,
-0.2701

■ 212.6850,
-93.0217, 16.0623

■ 242.6070, 6.1097,
0.3447

■ 209.6500,
-103.3574, 17.8470

■ 242.9060, 5.9623,
0.9594

■ 243.2050, 5.8149,
1.5742

■ 243.5040, 5.6675,
2.1890

Harmonies

Analogous

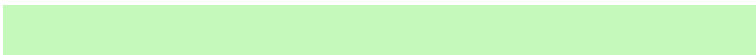
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.0050, -31.0615, 22.7976



230.8950, -31.0072, 5.3541



226.4980, -18.9795, -25.8697

Triad

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



230.8950, -31.0072, 5.3541



215.8750, 19.2886, -73.5584



228.0150, 10.8386, 23.6658

Complementary

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



230.8950, -31.0072, 5.3541



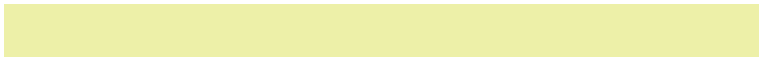
177.1050, 31.0072, -5.3541

Split Complementary

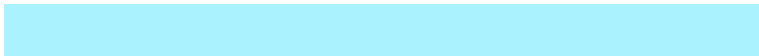
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.2810, 10.7075, 19.0476



230.8950, -31.0072, 5.3541



222.2530, 16.1443, -44.9489

Square

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



230.8950, -31.0072, 5.3541



217.0270, 18.7207, -78.0767



231.3440, 11.6624, -7.3177



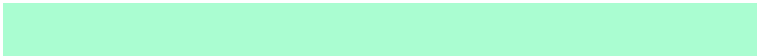
223.9110, -4.8861, 27.2651

Rectangle

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



230.8950, -31.0072, 5.3541



223.1670, -6.9843, -46.6275



231.3440, 11.6624, -7.3177



229.7590, 12.4438, 22.1364

Sweetspot

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



230.8950, -31.0072, 5.3541



252.0790, -9.8989, 1.6847



190.7020, -11.1921, 43.2343



125.9910, -6.4046, 0.8849



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.



230.8950, -31.0072, 5.3541



243.3160, -39.5958, 6.7389



220.4300, -25.8480, -16.1631



118.3330, -5.0942, 0.5850



160.6320, -79.1916, 13.4777



49.0180, -24.1659, 4.3692

Inverse Universe

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



177.1050, 31.0072, -5.3541



174.6840, 39.5958, -6.7389



187.5700, 25.8480, 16.1631



109.3680, 5.2416, -1.1997



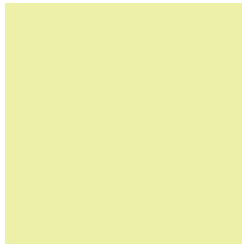
23.3680, 79.1916, -13.4777



6.9820, 24.1659, -4.3692

Previews

White Background



This preview shows how the YUV color 230.8950, -31.0072, 5.3541 looks on a white background.

Color Contrast Check

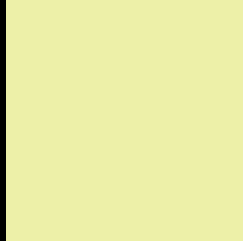
Large Text (above 18pt) WCAG AA × Fail

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 230.8950, -31.0072, 5.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

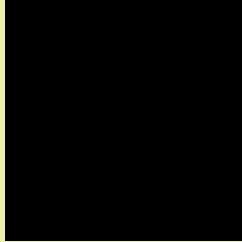
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

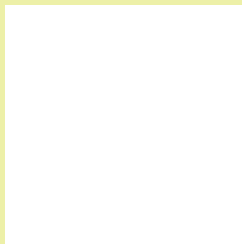
Any Text WCAG AAA ✓ Pass

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

YUV 230.8950, -31.0072, 5.3541 Background



This preview shows how black text looks on a background with the YUV color 230.8950, -31.0072, 5.3541.

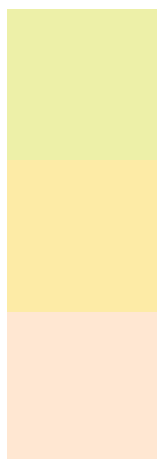


This preview shows how white text looks on a background with the YUV color 230.8950, -31.0072,

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

230.8950, -31.0072, 5.3541

Protanopia

232.5160, -32.7924, 17.9645

Deuteranopia

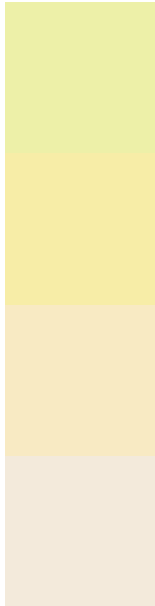
235.7820, -12.7105, 16.8542



Tritanopia

237.1350, 5.3564, 8.6516

Trichromacy



Original Color

230.8950, -31.0072, 5.3541

Protanomaly

232.0100, -32.0499, 13.1462

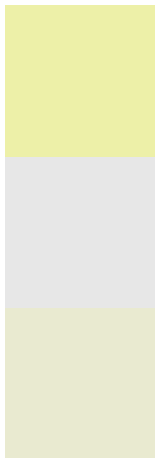
Deuteranomaly

233.7400, -19.0988, 12.5060

Tritanomaly

234.9810, -7.8786, 7.0327

Monochromacy



Original Color

230.8950, -31.0072, 5.3541

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

230.7370, -11.2093, 1.9847

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.8950, -31.0072, 5.3541 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(237, 240, 168)` looks like.

```
.text, #text, p{  
    color:rgb(237, 240, 168)  
}
```

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(237, 240, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 240, 168) }
```

Border

The CSS property to change the border of an element to YUV 230.8950, -31.0072, 5.3541 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(237, 240, 168) }
```


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

```
.border{ border-color:rgb(237, 240, 168) }
```

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

Here you see how a box with a 4 pixel rgb(237, 240, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 240, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 240, 168);  
box-shadow:4px 4px 4px 4px rgb(237, 240,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 230.8950, -31.0072, 5.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 240, 168) }
```

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

```
.background{ background-color: rgb(237,  
240, 168) }
```

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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