

Converting Colors

YUV(228.1950, -36.0851,
0.7060)

Have a look what the booklet for
YUV(228.1950, -36.0851, 0.7060)
contains.

YUV(228.1950, -36.0851, 0.7060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(228.1950, -36.0851,
0.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F29B
RGB	229, 242, 155
RGB Percent	90%, 95%, 61%
CMY	0.1020, 0.0510, 0.3922
CMYK	0.05, 0.00, 0.36, 0.05
HSL	69°, 77%, 78%
HSV	69°, 36%, 95%
XYZ	69.9816, 82.5288, 43.2516
YIQ	228.1950, 20.1790, -29.8130

Conversions

Conversions Part 2

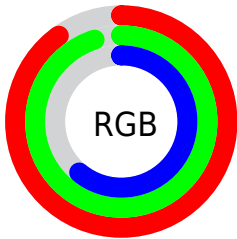
Format	Color
RYB	155, 242, 168
Decimal	15069851
CIELab	92.81, -17.51, 40.58
CIELCh	93, 44.194, 113.334
Yxy	82.5288, 0.3575, 0.4216
Android (android.graphics.Color)	4293259931 (0xFFE5F29B)
YUV	228.1950, -36.0851, 0.7060
Hunter-Lab	90.8454, -21.4741, 35.3637

Details

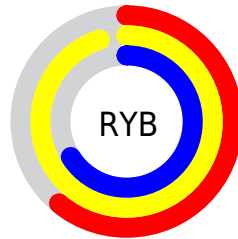
The YUV color $228.1950, -36.0851, 0.7060$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $168.8050, 36.0851, -0.7060$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.8700, -19.6559, 4.4990$, and $172.2380, -34.6273, -0.2087$ is the 20% darker color. If you saturate the color by 10%, you get $224.2630, -45.9787, 0.6463$, and if you desaturate by 10%, it is $232.1270, -26.1916, 0.7656$.

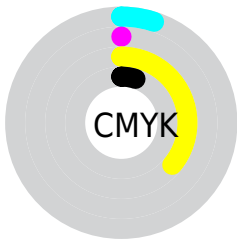
Distribution



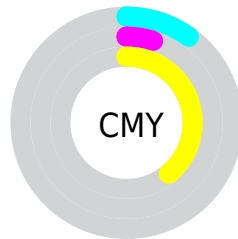
- Red (90%)
- Green (95%)
- Blue (61%)



- Red (61%)
- Yellow (95%)
- Blue (66%)



- Cyan (5%)
- Magenta (0%)
- Yellow (36%)
- Black (5%)



- Cyan (10%)
- Magenta (5%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.1950, -36.0851, 0.7060 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 228.1950, -36.0851, 0.7060 by changing the saturation by 10% instead.

■ 228.1950,
-36.0851, 0.7060

■ 228.1950,
-36.0851, 0.7060

255.0000, 0.0000,
0.0000

■ 200.0100,
-35.5009, -0.0088

■ 249.8700,
-19.6559, 4.4990

■ 172.2380,
-34.6273, -0.2087

■ 253.1760, -6.9888,
1.5996

■ 145.4660,
-33.7537, -0.4087

■ 119.3950,
-32.7327, -1.2234

■ 94.0960, -32.5853,
-1.8382

■ 68.7540, -33.8957,
-1.5383

■ 48.3760, -23.8494,

-3.8378

■ 27.9870, -13.7976,
-7.8816

■ 10.5660, -5.2090,
-9.2664

■ 228.1950,
-36.0851, 0.7060

■ 228.1950,
-36.0851, 0.7060

■ 224.2630,
-45.9787, 0.6463

■ 232.1270,
-26.1916, 0.7656

■ 220.6300,
-56.0196, 1.2015

■ 235.7600,
-16.1507, 0.2105

■ 216.5840,
-66.3499, 1.2418

■ 239.8060, -5.8204,
0.1701

■ 212.9510,
-76.3908, 1.7970

■ 243.4390, 4.2206,
-0.3850

■ 209.0190,
-86.2844, 1.7373

■ 244.9770, 4.9413,
1.7742

■ 205.0870,
-96.1779, 1.6777

■ 246.1730, 4.3517,
4.2333

■ 203.6480,
-100.3985, 2.0627

■ 247.0700, 3.9095,
6.0776

■ 247.3690, 3.7621,
6.6924

Harmonies

Analogous

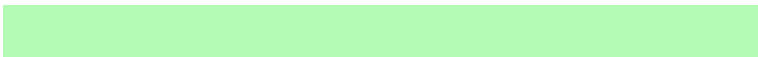
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.1810, -38.0502, 24.3973



228.1950, -36.0851, 0.7060



222.4920, -19.9626, -37.2655

Triad

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



228.1950, -36.0851, 0.7060



205.3990, 24.4533, -96.8199



223.4500, 11.1172, 27.6694

Complementary

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



228.1950, -36.0851, 0.7060



168.8050, 36.0851, -0.7060

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.



229.7590, 12.4438, 22.1364



228.1950, -36.0851, 0.7060



218.0780, 18.2025, -51.8114

Square

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



228.1950, -36.0851, 0.7060



203.2730, 25.5014, -106.3564



229.8930, 12.3778, -3.4142



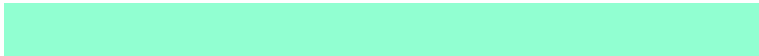
219.1350, -7.9546, 31.4536

Rectangle

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



228.1950, -36.0851, 0.7060



216.8660, -3.8779, -63.0265



229.8930, 12.3778, -3.4142



225.6500, 14.4696, 25.7400

Sweetspot

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



228.1950, -36.0851, 0.7060



250.6120, -11.6407, 0.3403



188.0570, -16.2971, 47.3080



125.1650, -6.9833, -0.1447



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

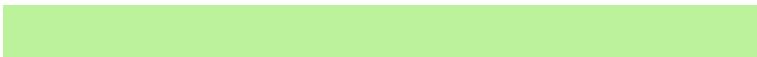
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.1950, -36.0851, 0.7060



237.6760, -45.6893, 1.1611



215.6370, -29.8940, -25.1146



118.0340, -4.9468, -0.0298



154.6520, -76.2434, 1.1822



47.2240, -23.2814, 0.6806

Inverse Universe

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



168.8050, 36.0851, -0.7060



162.6230, 45.5419, -0.5464



181.3630, 29.8940, 25.1146



109.9660, 4.9468, 0.0298



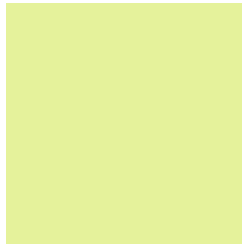
29.0490, 76.3908, -1.7970



8.7760, 23.2814, -0.6806

Previews

White Background



This preview shows how the YUV color 228.1950, -36.0851, 0.7060 looks on a white background.

Color Contrast Check

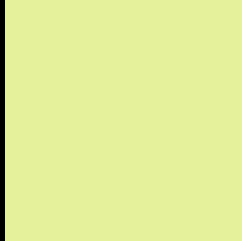
Large Text (above 18pt) WCAG AA × Fail

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 228.1950, -36.0851, 0.7060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

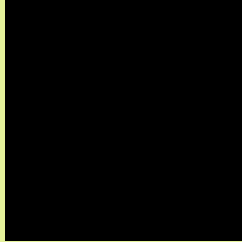
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 228.1950, -36.0851, 0.7060

Background



This preview shows how black text looks on a background with the YUV color 228.1950, -36.0851, 0.7060.



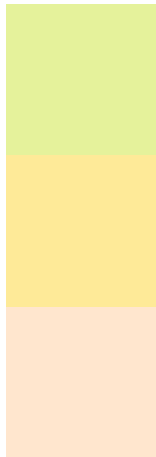
This preview shows how white text looks on a background with the YUV color 228.1950, -36.0851,

0.7060.

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

228.1950, -36.0851, 0.7060

Protanopia

230.6320, -38.7656, 20.4937

Deuteranopia

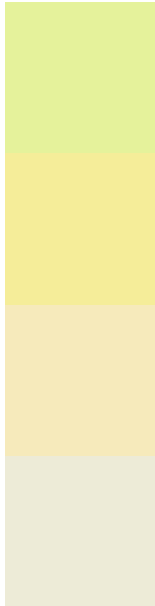
234.7390, -14.1683, 17.7689



Tritanopia

236.0420, 6.3883, 4.3482

Trichromacy



Original Color

228.1950, -36.0851, 0.7060

Protanomaly

229.8160, -37.8703, 13.3164

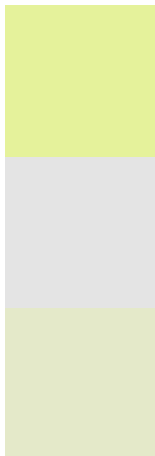
Deuteranomaly

232.2300, -22.2984, 12.0763

Tritanomaly

233.3180, -9.0308, 3.2291

Monochromacy



Original Color

228.1950, -36.0851, 0.7060

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.8570, -13.2405, 0.1254

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.1950, -36.0851, 0.7060 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(229, 242, 155)` looks like.

```
.text, #text, p{  
    color:rgb(229, 242, 155)  
}
```

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(229, 242, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 242, 155) }
```

Border

The CSS property to change the border of an element to YUV 228.1950, -36.0851, 0.7060 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(229, 242, 155) }
```


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

```
.border{ border-color:rgb(229, 242, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 242, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 242, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 242, 155);  
box-shadow:4px 4px 4px 4px rgb(229, 242,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 228.1950, -36.0851, 0.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 242, 155) }
```

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

```
.background{ background-color: rgb(229,  
242, 155) }
```

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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