

Converting Colors

YUV(228.7060, -34.3651,
9.0278)

Have a look what the booklet for
YUV(228.7060, -34.3651, 9.0278)
contains.

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Color

**YUV(228.7060, -34.3651,
9.0278)**

Conversions

Conversions Part 1

Format	Color
Hex	EFED9F
RGB	239, 237, 159
RGB Percent	94%, 93%, 62%
CMY	0.0627, 0.0706, 0.3765
CMYK	0.00, 0.01, 0.33, 0.06
HSL	59°, 71%, 78%
HSV	59°, 33%, 94%
XYZ	72.1388, 81.4223, 44.7148
YIQ	228.7060, 26.2300, -23.8340

Conversions

Conversions Part 2

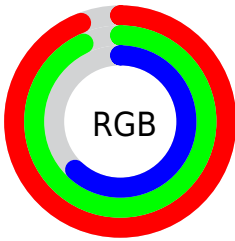
Format	Color
RYB	161, 239, 159
Decimal	15723935
CIELab	92.32, -10.81, 38.10
CIELCh	92, 39.601, 105.837
Yxy	81.4223, 0.3638, 0.4107
Android (android.graphics.Color)	4293914015 (0xFFEFED9F)
YUV	228.7060, -34.3651, 9.0278
Hunter-Lab	90.2343, -15.2063, 33.7834

Details

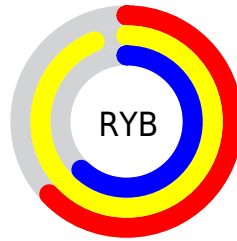
The YUV color $228.7060, -34.3651, 9.0278$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $169.2940, 34.3651, -9.0278$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3260, -17.9087, 4.0991$, and $172.7490, -32.9073, 8.1131$ is the 20% darker color. If you saturate the color by 10%, you get $225.3830, -44.5588, 11.9421$, and if you desaturate by 10%, it is $232.0290, -24.1713, 6.1136$.

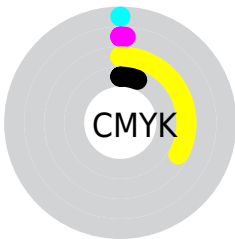
Distribution



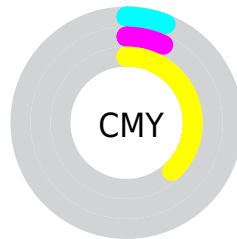
- Red (94%)
- Green (93%)
- Blue (62%)



- Red (63%)
- Yellow (94%)
- Blue (62%)



- Cyan (0%)
- Magenta (1%)
- Yellow (33%)
- Black (6%)



- Cyan (6%)
- Magenta (7%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.7060, -34.3651, 9.0278 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 228.7060, -34.3651, 9.0278 by changing the saturation by 10% instead.

■ 228.7060,
-34.3651, 9.0278

■ 228.7060,
-34.3651, 9.0278

■ 255.0000, 0.0000,
0.0000

■ 200.5210,
-33.7809, 8.3131

■ 250.3260,
-17.9087, 4.0991

■ 172.7490,
-32.9073, 8.1131

■ 253.6320, -5.2416,
1.1997

■ 145.6780,
-31.8863, 7.2984

■ 120.4930,
-31.3020, 6.5836

■ 95.0090, -30.5704,
5.2541

■ 70.3680, -31.7334,
4.9393

■ 49.3060, -24.3079,

3.2396

■ 28.9170, -14.2561,
-0.8042

■ 8.8050, -4.3409,
-7.7220

■ 228.7060,
-34.3651, 9.0278

■ 228.7060,
-34.3651, 9.0278

■ 225.3830,
-44.5588, 11.9421

■ 232.0290,
-24.1713, 6.1136

■ 222.6470,
-55.0420, 14.3416

■ 234.7650,
-13.6881, 3.7141

■ 219.3240,
-65.2357, 17.2559

■ 238.0880, -3.4944,
0.7998

■ 216.5880,
-75.7189, 19.6553

■ 240.8240, 6.9888,
-1.5996

■ 213.3790,
-85.4758, 22.4696

■ 241.4110, 6.6994,
-2.1144

■ 210.0560,
-95.6696, 25.3839

■ 241.9980, 6.4100,
-2.6292

■ 208.2320,
-102.6584, 26.9835

■ 242.5850, 6.1206,
-3.1440

Harmonies

Analogous

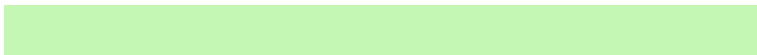
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.9730, -32.5247, 25.4567



228.7060, -34.3651, 9.0278



223.9990, -22.1845, -24.5551

Triad

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



228.7060, -34.3651, 9.0278



209.3080, 22.5262, -85.3391



226.0090, 13.3066, 25.4251

Complementary

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



228.7060, -34.3651, 9.0278



169.2940, 34.3651, -9.0278

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.



232.1070, 11.2862, 20.0772



228.7060, -34.3651, 9.0278



217.4690, 18.5028, -54.7853

Square

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



228.7060, -34.3651, 9.0278



211.9120, 19.7634, -85.8688



227.7670, 13.4259, -12.9507



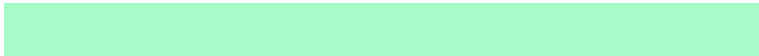
220.9760, -3.4392, 29.8390

Rectangle

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



228.7060, -34.3651, 9.0278



219.8850, -9.3103, -47.2571



227.7670, 13.4259, -12.9507



227.9980, 13.3120, 23.6808

Sweetspot

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



228.7060, -34.3651, 9.0278



251.5630, -10.6306, 3.0142



183.2620, -10.4822, 48.8822



125.5890, -6.6994, 2.1144



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

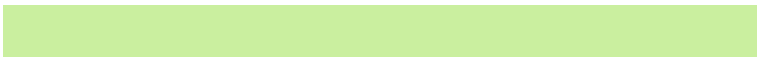
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.7060, -34.3651, 9.0278



241.6110, -43.6852, 11.7422



218.8170, -29.4898, -14.7485



118.6320, -5.2416, 1.1997



160.0890, -78.9239, 20.9699



49.0290, -24.1713, 6.1136

Inverse Universe

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



169.2940, 34.3651, -9.0278



166.3890, 43.6852, -11.7422



179.1830, 29.4898, 14.7485



109.3680, 5.2416, -1.1997



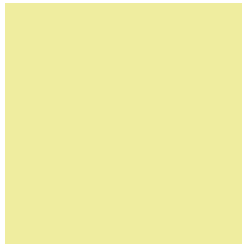
23.9110, 78.9239, -20.9699



6.9710, 24.1713, -6.1136

Previews

White Background



This preview shows how the YUV color 228.7060, -34.3651, 9.0278 looks on a white background.

Color Contrast Check

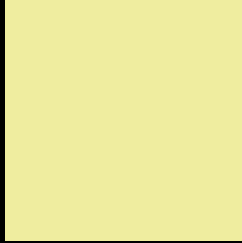
Large Text (above 18pt) WCAG AA × Fail

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 228.7060, -34.3651, 9.0278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

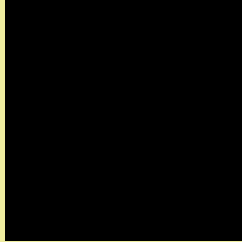
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

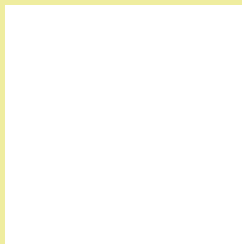
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.7060, -34.3651, 9.0278

Background



This preview shows how black text looks on a background with the YUV color 228.7060, -34.3651, 9.0278.



This preview shows how white text looks on a background with the YUV color 228.7060, -34.3651, 9.0278.

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

228.7060, -34.3651, 9.0278

Protanopia

230.0170, -35.9974, 19.2791

Deuteranopia

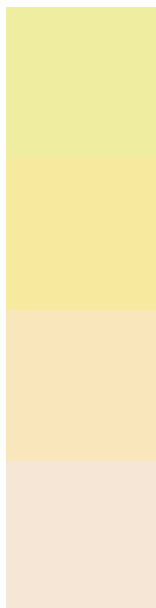
233.2230, -14.8999, 19.0984



Tritanopia

234.9290, 4.4720, 12.3403

Trichromacy



Original Color

228.7060, -34.3651, 9.0278

Protanomaly

229.2230, -35.1129, 15.5904

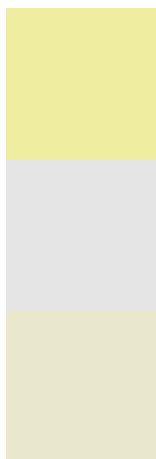
Deuteranomaly

231.3660, -21.8724, 15.4650

Tritanomaly

232.5470, -9.6367, 10.9213

Monochromacy



Original Color

228.7060, -34.3651, 9.0278

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

229.1070, -12.3778, 3.4142

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.7060, -34.3651, 9.0278 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(239, 237, 159)` looks like.

```
.text, #text, p{  
    color:rgb(239, 237, 159)  
}
```

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(239, 237, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 237, 159) }
```

Border

The CSS property to change the border of an element to YUV 228.7060, -34.3651, 9.0278 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(239, 237, 159) }
```


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

```
.border{ border-color:rgb(239, 237, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 237, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 237, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 237, 159);  
box-shadow:4px 4px 4px 4px rgb(239, 237,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 228.7060, -34.3651, 9.0278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 237, 159) }
```

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

```
.background{ background-color: rgb(239,  
237, 159) }
```

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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