

Converting Colors

YUV(232.6940, -32.8801,
-0.6086)

Have a look what the booklet for
YUV(232.6940, -32.8801, -0.6086)
contains.

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Color

**YUV(232.6940, -32.8801,
-0.6086)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F6A6
RGB	232, 246, 166
RGB Percent	91%, 96%, 65%
CMY	0.0902, 0.0353, 0.3490
CMYK	0.06, 0.00, 0.33, 0.04
HSL	70°, 82%, 81%
HSV	70°, 33%, 96%
XYZ	73.1174, 85.8205, 48.7877
YIQ	232.6940, 17.3360, -27.8480

Conversions

Conversions Part 2

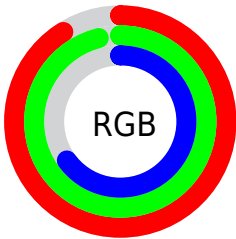
Format	Color
RYB	166, 246, 180
Decimal	15267494
CIELab	94.24, -17.01, 37.02
CIELCh	94, 40.741, 114.684
Yxy	85.8205, 0.3520, 0.4131
Android (android.graphics.Color)	4293457574 (0xFFE8F6A6)
YUV	232.6940, -32.8801, -0.6086
Hunter-Lab	92.6394, -21.2343, 33.6230

Details

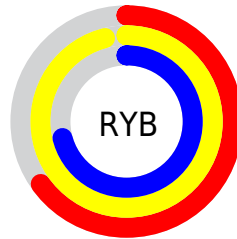
The YUV color $232.6940, -32.8801, -0.6086$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $179.3060, 32.8801, 0.6086$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.2380, -14.4143, 3.2993$, and $176.7370, -31.4223, -1.5233$ is the 20% darker color. If you saturate the color by 10%, you get $228.6480, -43.2105, -0.5683$, and if you desaturate by 10%, it is $236.7400, -22.5498, -0.6490$.

Distribution



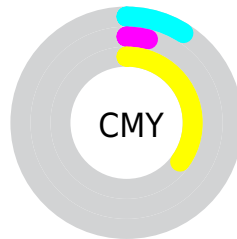
- Red (91%)
- Green (96%)
- Blue (65%)



- Red (65%)
- Yellow (96%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (33%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.6940, -32.8801, -0.6086 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 232.6940, -32.8801, -0.6086 by changing the saturation by 10% instead.

232.6940,
-32.8801, -0.6086

232.6940,
-32.8801, -0.6086

255.0000, 0.0000,
0.0000

204.5090,
-32.2959, -1.3234

251.2380,
-14.4143, 3.2993

176.7370,
-31.4223, -1.5233

254.5440, -1.7472,
0.3999

149.9650,
-30.5487, -1.7233

123.4920,
-29.8226, -1.3085

98.3070, -29.2384,
-2.0232

73.8940, -29.5277,
-2.5380

51.0340, -25.1598,

-3.5378

■ 30.9440, -15.2554,
-6.9669

■ 13.5010, -6.6560,
-11.8404

■ 232.6940,
-32.8801, -0.6086

■ 232.6940,
-32.8801, -0.6086

■ 228.6480,
-43.2105, -0.5683

■ 236.7400,
-22.5498, -0.6490

■ 224.4170,
-52.9566, -1.2427

■ 240.9710,
-12.8037, 0.0254

■ 220.3710,
-63.2869, -1.2024

■ 245.0170, -2.4734,
-0.0149

■ 216.4390,
-73.1804, -1.2620

■ 247.9230, 3.4890,
0.9445

■ 212.0940,
-83.3633, -1.8364

■ 249.4180, 2.7519,
4.0184

■ 208.0480,
-93.6937, -1.7961

■ 249.7170, 2.6045,
4.6332

■ 205.0990,
-101.1138, -1.8408

Harmonies

Analogous

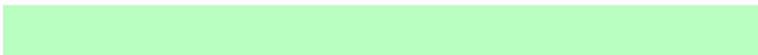
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.8430, -35.4186, 20.3087



232.6940, -32.8801, -0.6086



227.1870, -17.3472, -36.1210

Triad

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



232.6940, -32.8801, -0.6086



214.6460, 19.8945, -81.2505



227.0860, 9.8176, 24.4806

Complementary

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



232.6940, -32.8801, -0.6086



179.3060, 32.8801, 0.6086

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.



232.6940, 10.9969, 19.5624



232.6940, -32.8801, -0.6086



224.6230, 14.9759, -43.5194

Square

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



232.6940, -32.8801, -0.6086



211.0470, 21.6688, -90.3722



234.6330, 10.0409, -0.5551



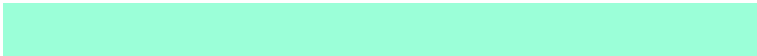
223.7000, -8.2331, 27.4501

Rectangle

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



232.6940, -32.8801, -0.6086



220.6540, -2.2944, -57.5786



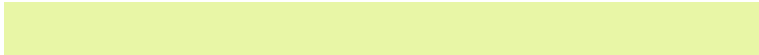
234.6330, 10.0409, -0.5551



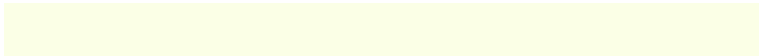
229.1720, 12.7332, 22.6512

Sweetspot

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



232.6940, -32.8801, -0.6086



250.9540, -10.3303, 0.0403



197.5510, -15.5546, 42.4898



125.2790, -6.5465, -0.2447



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

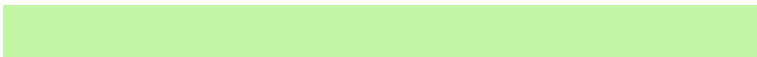
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.6940, -32.8801, -0.6086



238.6310, -40.7371, -0.5534



221.0330, -27.1313, -24.5849



120.0340, -4.9468, -0.0298



155.2280, -76.5274, -1.0770



48.9850, -24.1496, -0.8638

Inverse Universe

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



179.3060, 32.8801, 0.6086



172.3690, 40.7371, 0.5534



190.9670, 27.1313, 24.5849



111.9660, 4.9468, 0.0298



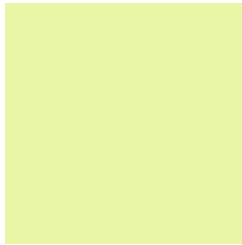
31.0710, 76.3800, 1.6917



9.7160, 24.2970, 0.2491

Previews

White Background



This preview shows how the YUV color 232.6940, -32.8801, -0.6086 looks on a white background.

Color Contrast Check

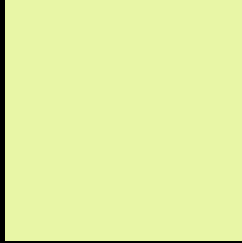
Large Text (above 18pt) WCAG AA × Fail

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 232.6940, -32.8801, -0.6086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

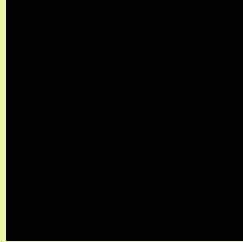
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 232.6940, -32.8801, -0.6086

Background



This preview shows how black text looks on a background with the YUV color 232.6940, -32.8801, -0.6086.



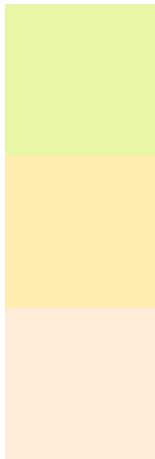
This preview shows how white text looks on a background with the YUV color 232.6940, -32.8801, -0.6086.

-0.6086.

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

232.6940, -32.8801, -0.6086

Protanopia

236.0150, -29.5874, 16.6498

Deuteranopia

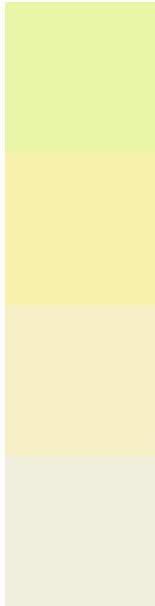
238.9280, -10.8105, 14.0951



Tritanopia

239.5580, 7.1199, 3.0186

Trichromacy



Original Color

232.6940, -32.8801, -0.6086

Protanomaly

234.9280, -31.0235, 10.5871

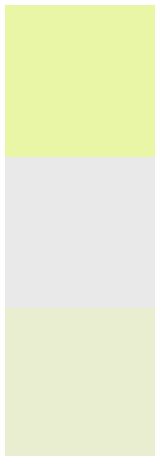
Deuteranomaly

236.7180, -19.0880, 9.0173

Tritanomaly

237.0620, -7.4256, 1.6996

Monochromacy



Original Color

232.6940, -32.8801, -0.6086

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.1990, -11.9301, -0.1745

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.6940, -32.8801, -0.6086 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(232, 246, 166)` looks like.

```
.text, #text, p{  
  color:rgb(232, 246, 166)  
}
```

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(232, 246, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 246, 166) }
```

Border

The CSS property to change the border of an element to YUV 232.6940, -32.8801, -0.6086 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(232, 246, 166) }
```


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

```
.border{ border-color:rgb(232, 246, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 246, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 246, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 246, 166); box-shadow:4px 4px 4px 4px rgb(232, 246, 166) }
```

Background

The CSS property to change the background color of an element to YUV 232.6940, -32.8801, -0.6086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 246, 166) }
```

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

```
.background{ background-color: rgb(232,  
246, 166) }
```

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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