

Converting Colors

YUV(231.4450, -35.2224,
3.9947)

Have a look what the booklet for
YUV(231.4450, -35.2224, 3.9947)
contains.

YUV(231.4450, -35.2224, 3.9947)	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(231.4450, -35.2224,
3.9947)**

Conversions

Conversions Part 1

Format	Color
Hex	ECF3A0
RGB	236, 243, 160
RGB Percent	93%, 95%, 63%
CMY	0.0745, 0.0471, 0.3725
CMYK	0.03, 0.00, 0.34, 0.05
HSL	65°, 78%, 79%
HSV	65°, 34%, 95%
XYZ	72.9878, 84.4721, 45.7156
YIQ	231.4450, 22.4710, -27.2970

Conversions

Conversions Part 2

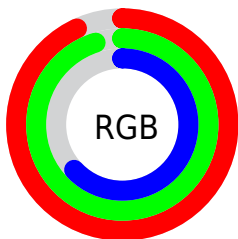
Format	Color
RYB	160, 243, 167
Decimal	15528864
CIELab	93.66, -14.78, 39.30
CIELCh	94, 41.988, 110.614
Yxy	84.4721, 0.3592, 0.4158
Android (android.graphics.Color)	4293718944 (0xFFECEF3A0)
YUV	231.4450, -35.2224, 3.9947
Hunter-Lab	91.9087, -19.0873, 34.8451

Details

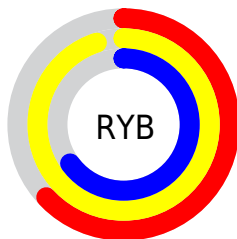
The YUV color $231.4450, -35.2224, 3.9947$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $171.5550, 35.2224, -3.9947$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.4400, -17.4719, 3.9991$, and $175.4880, -33.7646, 3.0800$ is the 20% darker color. If you saturate the color by 10%, you get $228.1110, -45.4107, 5.1647$, and if you desaturate by 10%, it is $234.7790, -25.0340, 2.8248$.

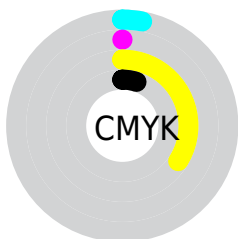
Distribution



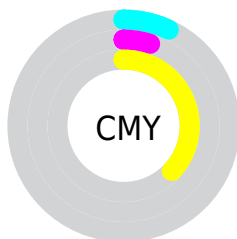
- Red (93%)
- Green (95%)
- Blue (63%)



- Red (63%)
- Yellow (95%)
- Blue (65%)



- Cyan (3%)
- Magenta (0%)
- Yellow (34%)
- Black (5%)



- Cyan (7%)
- Magenta (5%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.4450, -35.2224, 3.9947 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 231.4450, -35.2224, 3.9947 by changing the saturation by 10% instead.

■ 231.4450,
-35.2224, 3.9947

■ 231.4450,
-35.2224, 3.9947

■ 255.0000, 0.0000,
0.0000

■ 203.2600,
-34.6382, 3.2800

■ 250.4400,
-17.4719, 3.9991

■ 175.4880,
-33.7646, 3.0800

■ 253.7460, -4.8048,
1.0998

■ 148.7160,
-32.8910, 2.8801

■ 122.5310,
-32.3068, 2.1653

■ 97.3460, -31.7226,
1.4506

■ 72.0040, -33.0330,
1.7505

■ 50.7570, -25.0232,

-0.6639

■ 30.3680, -14.9714,
-4.7077

■ 12.3270, -6.0772,
-10.8108

■ 231.4450,
-35.2224, 3.9947

■ 231.4450,
-35.2224, 3.9947

■ 228.1110,
-45.4107, 5.1647

■ 234.7790,
-25.0340, 2.8248

■ 224.6630,
-56.0359, 6.4345

■ 238.2270,
-14.4089, 1.5549

■ 221.3290,
-66.2242, 7.6045

■ 241.5610, -4.2206,
0.3850

■ 217.9950,
-76.4125, 8.7744

■ 244.6670, 5.0942,
-0.5850

■ 214.5470,
-87.0377, 10.0443

■ 245.2650, 4.7994,
0.6446

■ 211.2130,
-97.2260, 11.2142

■ 245.8630, 4.5045,
1.8741

■ 209.3180,
-103.1938, 11.9991

■ 246.4610, 4.2097,
3.1037

■ 247.0590, 3.9149,
4.3333

■ 247.6570, 3.6201,
5.5628

Harmonies

Analogous

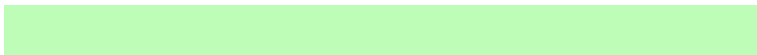
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.1530, -35.5714, 22.6678



231.4450, -35.2224, 3.9947



226.2970, -20.8524, -31.8325

Triad

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



231.4450, -35.2224, 3.9947



210.4600, 21.9582, -89.8574



226.3680, 12.1436, 25.1103

Complementary

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



231.4450, -35.2224, 3.9947



171.5550, 35.2224, -3.9947

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



231.4450, -35.2224, 3.9947



221.3230, 16.6028, -52.0263

Square

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



231.4450, -35.2224, 3.9947



209.2530, 22.5533, -94.0609



231.6430, 11.5150, -6.7029



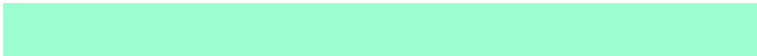
221.6940, -5.7651, 29.2094

Rectangle

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



231.4450, -35.2224, 3.9947



220.4540, -5.6468, -55.6492



231.6430, 11.5150, -6.7029



228.5850, 13.0226, 23.1660

Sweetspot

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



231.4450, -35.2224, 3.9947



251.5520, -10.6251, 1.2699



188.9260, -14.2605, 47.4229



125.5780, -6.6940, 0.3701



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

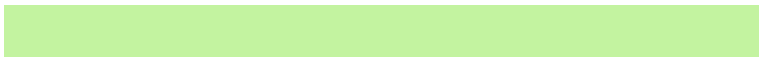
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.4450, -35.2224, 3.9947



240.3390, -44.5371, 4.9647



219.1860, -29.1787, -21.2111



120.3330, -5.0942, 0.5850



160.0120, -78.8859, 8.7595



50.7790, -25.0340, 2.8248

Inverse Universe

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



171.5550, 35.2224, -3.9947



164.6610, 44.5371, -4.9647



183.8140, 29.1787, 21.2111



111.6670, 5.0942, -0.5850



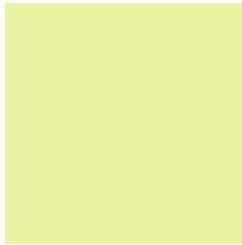
25.9880, 78.8859, -8.7595



8.2210, 25.0340, -2.8248

Previews

White Background



This preview shows how the YUV color 231.4450, -35.2224, 3.9947 looks on a white background.

Color Contrast Check

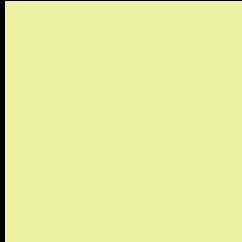
Large Text (above 18pt) WCAG AA × Fail

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 231.4450, -35.2224, 3.9947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

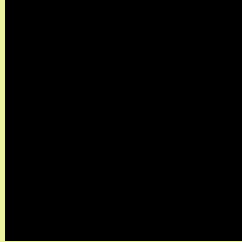
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 231.4450, -35.2224, 3.9947

Background



This preview shows how black text looks on a background with the YUV color 231.4450, -35.2224, 3.9947.



This preview shows how white text looks on a background with the YUV color 231.4450, -35.2224, 3.9947.

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

231.4450, -35.2224, 3.9947

Protanopia

233.7010, -33.3766, 18.6792

Deuteranopia

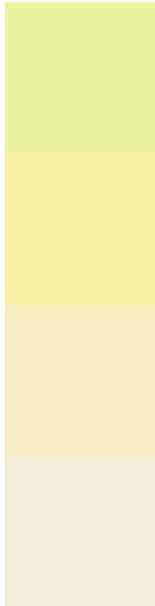
237.2980, -11.9789, 15.5247



Tritanopia

238.5370, 5.6513, 7.4221

Trichromacy



Original Color

231.4450, -35.2224, 3.9947

Protanomaly

233.1410, -34.0865, 13.0313

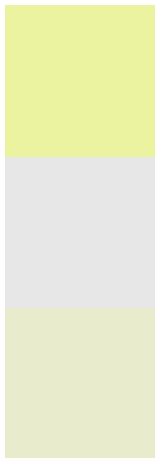
Deuteranomaly

235.3870, -20.4038, 11.0616

Tritanomaly

235.9270, -9.3310, 6.2030

Monochromacy



Original Color

231.4450, -35.2224, 3.9947

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

230.9820, -12.8091, 1.7698

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.4450, -35.2224, 3.9947 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(236, 243, 160)` looks like.

```
.text, #text, p{  
    color:rgb(236, 243, 160)  
}
```

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(236, 243, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 243, 160) }
```

Border

The CSS property to change the border of an element to YUV 231.4450, -35.2224, 3.9947 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(236, 243, 160) }
```


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

```
.border{ border-color:rgb(236, 243, 160) }
```

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

Here you see how a box with a 4 pixel rgb(236, 243, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 243, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 243, 160);  
box-shadow:4px 4px 4px 4px rgb(236, 243,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 231.4450, -35.2224, 3.9947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 243, 160) }
```

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

```
.background{ background-color: rgb(236,  
243, 160) }
```

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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