

Converting Colors

YUV(226.3310, -35.6592,
4.0947)

Have a look what the booklet for
YUV(226.3310, -35.6592, 4.0947)
contains.

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Color

**YUV(226.3310, -35.6592,
4.0947)**

Conversions

Conversions Part 1

Format	Color
Hex	E7EE9A
RGB	231, 238, 154
RGB Percent	91%, 93%, 60%
CMY	0.0941, 0.0667, 0.3961
CMYK	0.03, 0.00, 0.35, 0.07
HSL	65°, 71%, 77%
HSV	65°, 35%, 93%
XYZ	69.3623, 80.4711, 42.4485
YIQ	226.3310, 22.7920, -27.6080

Conversions

Conversions Part 2

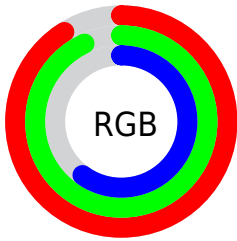
Format	Color
RYB	154, 238, 161
Decimal	15199898
CIELab	91.90, -14.91, 39.92
CIElCh	92, 42.616, 110.480
Yxy	80.4711, 0.3607, 0.4185
Android (android.graphics.Color)	4293389978 (0xFFE7EE9A)
YUV	226.3310, -35.6592, 4.0947
Hunter-Lab	89.7057, -18.9651, 34.7381

Details

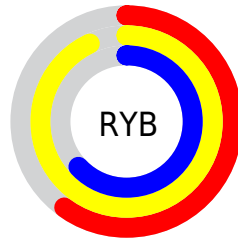
The YUV color $226.3310, -35.6592, 4.0947$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $165.6690, 35.6592, -4.0947$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7560, -20.0927, 4.5990$, and $170.4880, -33.7646, 3.0800$ is the 20% darker color. If you saturate the color by 10%, you get $222.9970, -45.8475, 5.2646$, and if you desaturate by 10%, it is $229.6650, -25.4708, 2.9248$.

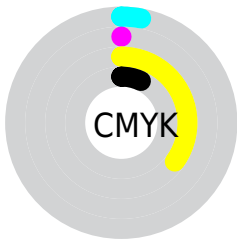
Distribution



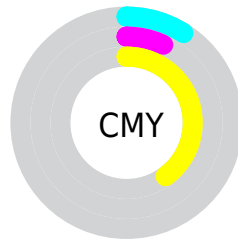
- Red (91%)
- Green (93%)
- Blue (60%)



- Red (60%)
- Yellow (93%)
- Blue (63%)



- Cyan (3%)
- Magenta (0%)
- Yellow (35%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.3310, -35.6592, 4.0947 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 226.3310, -35.6592, 4.0947 by changing the saturation by 10% instead.

■ 226.3310,
-35.6592, 4.0947

■ 226.3310,
-35.6592, 4.0947

255.0000, 0.0000,
0.0000

■ 198.1460,
-35.0750, 3.3800

■ 249.7560,
-20.0927, 4.5990

■ 170.4880,
-33.7646, 3.0800

■ 253.0620, -7.4256,
1.6996

■ 143.6020,
-33.3278, 2.9800

■ 117.5310,
-32.3068, 2.1653

■ 92.2320, -32.1594,
1.5505

■ 67.5910, -33.3224,
1.2357

■ 47.2130, -23.2760,

-1.0638

■ 27.4110, -13.5136,
-5.6224

■ 7.6310, -3.7621,
-6.6924

■ 226.3310,
-35.6592, 4.0947

■ 226.3310,
-35.6592, 4.0947

■ 222.9970,
-45.8475, 5.2646

■ 229.6650,
-25.4708, 2.9248

■ 219.6630,
-56.0359, 6.4345

■ 232.9990,
-15.2825, 1.7549

■ 216.4430,
-65.7874, 7.5045

■ 236.2190, -5.5310,
0.6849

■ 213.1090,
-75.9757, 8.6744

■ 239.5530, 4.6574,
-0.4850

■ 209.7750,
-86.1641, 9.8443

■ 240.8350, 6.9833,
0.1447

■ 206.4410,
-96.3524, 11.0142

■ 241.4330, 6.6885,
1.3743

■ 204.8880,
-101.0098, 11.4992

■ 242.0310, 6.3937,
2.6038

■ 242.6290, 6.0989,
3.8334

■ 243.2270, 5.8041,
5.0629

Harmonies

Analogous

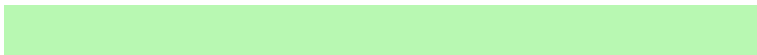
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.5340, -36.7453, 25.8417



226.3310, -35.6592, 4.0947



220.8840, -21.1418, -32.3473

Triad

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



226.3310, -35.6592, 4.0947



204.5350, 24.8792, -93.4312



222.9770, 11.8433, 28.0842

Complementary

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



226.3310, -35.6592, 4.0947



165.6690, 35.6592, -4.0947

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.



229.1720, 12.7332, 22.6512



226.3310, -35.6592, 4.0947



216.2950, 19.0816, -53.7557

Square

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



226.3310, -35.6592, 4.0947



205.6760, 24.3167, -99.6939



227.2130, 13.6990, -7.2028



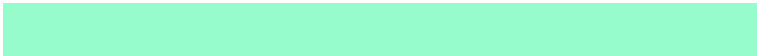
218.1890, -6.5022, 32.2832

Rectangle

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



226.3310, -35.6592, 4.0947



216.2150, -6.5150, -57.1936



227.2130, 13.6990, -7.2028



225.0630, 14.7589, 26.2547

Sweetspot

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



226.3310, -35.6592, 4.0947



251.2100, -11.9355, 1.5698



183.2250, -14.4079, 48.0377



125.4640, -7.1308, 0.4701



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

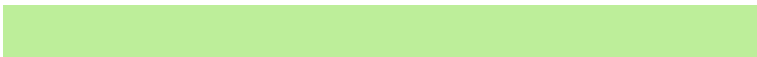
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.3310, -35.6592, 4.0947



240.1110, -45.4107, 5.1647



213.7730, -29.4681, -21.7259



118.3330, -5.0942, 0.5850



158.2400, -78.0123, 8.5595



48.1210, -23.7237, 2.5249

Inverse Universe

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



165.6690, 35.6592, -4.0947



162.8890, 45.4107, -5.1647



178.2270, 29.4681, 21.7259



109.6670, 5.0942, -0.5850



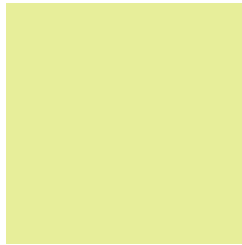
25.4610, 78.1597, -9.1743



7.8790, 23.7237, -2.5249

Previews

White Background



This preview shows how the YUV color 226.3310, -35.6592, 4.0947 looks on a white background.

Color Contrast Check

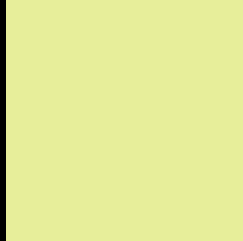
Large Text (above 18pt) WCAG AA × Fail

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 226.3310, -35.6592, 4.0947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

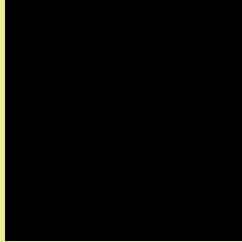
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 226.3310, -35.6592, 4.0947

Background



This preview shows how black text looks on a background with the YUV color 226.3310, -35.6592, 4.0947.

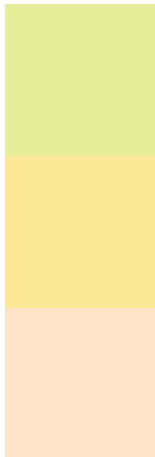


This preview shows how white text looks on a background with the YUV color 226.3310, -35.6592, 4.0947.

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

226.3310, -35.6592, 4.0947

Protanopia

228.1590, -38.0394, 20.9086

Deuteranopia

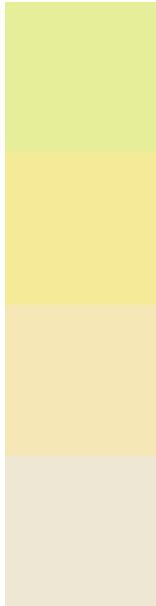
232.1800, -16.3577, 20.0131



Tritanopia

233.5370, 5.6513, 7.4221

Trichromacy



Original Color

226.3310, -35.6592, 4.0947

Protanomaly

227.6420, -37.2915, 14.3460

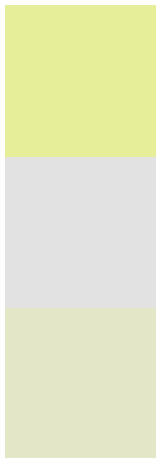
Deuteranomaly

230.0130, -23.1774, 14.0206

Tritanomaly

230.9270, -9.3310, 6.2030

Monochromacy



Original Color

226.3310, -35.6592, 4.0947

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

225.9820, -12.8091, 1.7698

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.3310, -35.6592, 4.0947 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(231, 238, 154)` looks like.

```
.text, #text, p{  
    color:rgb(231, 238, 154)  
}
```

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(231, 238, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 238, 154) }
```

Border

The CSS property to change the border of an element to YUV 226.3310, -35.6592, 4.0947 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(231, 238, 154) }
```


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

```
.border{ border-color:rgb(231, 238, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 238, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 238, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 238, 154);  
box-shadow:4px 4px 4px 4px rgb(231, 238,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 226.3310, -35.6592, 4.0947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 238, 154) }
```

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

```
.background{ background-color: rgb(231,  
238, 154) }
```

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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