

Converting Colors

YUV(236.8990, -27.0652,
0.9656)

Have a look what the booklet for
YUV(236.8990, -27.0652, 0.9656)
contains.

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Color

**YUV(236.8990, -27.0652,
0.9656)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF7B6
RGB	238, 247, 182
RGB Percent	93%, 97%, 71%
CMY	0.0667, 0.0314, 0.2863
CMYK	0.04, 0.00, 0.26, 0.03
HSL	68°, 80%, 84%
HSV	68°, 26%, 97%
XYZ	76.9642, 88.0761, 57.1999
YIQ	236.8990, 15.5010, -22.1230

Conversions

Conversions Part 2

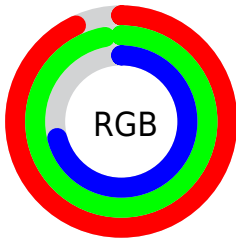
Format	Color
RYB	182, 247, 191
Decimal	15660982
CIELab	95.19, -13.24, 30.33
CIELCh	95, 33.100, 113.585
Yxy	88.0761, 0.3463, 0.3963
Android (android.graphics.Color)	4293851062 (0xFFEEF7B6)
YUV	236.8990, -27.0652, 0.9656
Hunter-Lab	93.8489, -17.8501, 29.5576

Details

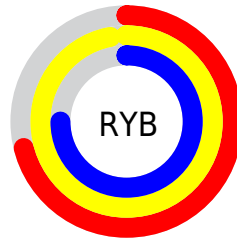
The YUV color $236.8990, -27.0652, 0.9656$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $192.1010, 27.0652, -0.9656$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.0620, -7.4256, 1.6996$, and $180.9420, -25.6074, 0.0509$ is the 20% darker color. If you saturate the color by 10%, you get $233.1520, -37.5429, 1.6207$, and if you desaturate by 10%, it is $240.6460, -16.5875, 0.3105$.

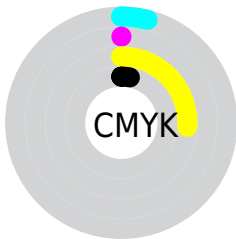
Distribution



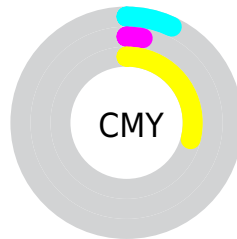
- Red (93%)
- Green (97%)
- Blue (71%)



- Red (71%)
- Yellow (97%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (26%)
- Black (3%)



- Cyan (7%)
- Magenta (3%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.8990, -27.0652, 0.9656 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 236.8990, -27.0652, 0.9656 by changing the saturation by 10% instead.

■ 236.8990,
-27.0652, 0.9656

■ 236.8990,
-27.0652, 0.9656

255.0000, 0.0000,
0.0000

■ 208.7140,
-26.4810, 0.2508

■ 253.0620, -7.4256,
1.6996

■ 180.9420,
-25.6074, 0.0509

■ 154.0560,
-25.1706, -0.0491

■ 127.5830,
-24.4444, 0.3657

■ 102.5120,
-23.4234, -0.4490

■ 78.3270, -22.8392,
-1.1638

■ 54.3270, -22.8392,

-1.1638

■ 33.9230, -16.7240,
-2.5635

■ 13.5010, -6.6560,
-11.8404

■ 236.8990,
-27.0652, 0.9656

■ 236.8990,
-27.0652, 0.9656

■ 233.1520,
-37.5429, 1.6207

■ 240.6460,
-16.5875, 0.3105

■ 229.2200,
-47.4365, 1.5611

■ 244.5780, -6.6940,
0.3701

■ 225.4730,
-57.9142, 2.2162

■ 248.2110, 3.3470,
-0.1850

■ 221.4270,
-68.2445, 2.2565

■ 249.4070, 2.7573,
2.2741

■ 217.7940,
-78.2854, 2.8117

■ 250.3040, 2.3151,
4.1184

■ 213.7480,
-88.6158, 2.8520

■ 210.0010,
-99.0935, 3.5071

■ 208.6760,
-102.8773, 3.7921

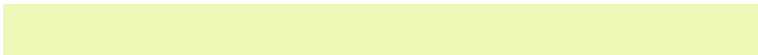
Harmonies

Analogous

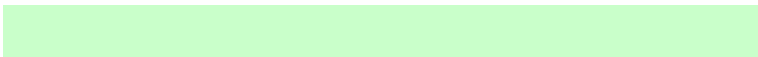
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.6560, -28.4244, 16.9647



236.8990, -27.0652, 0.9656



232.8120, -15.1903, -27.8991

Triad

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



236.8990, -27.0652, 0.9656



225.3990, 14.5933, -60.8629



232.5970, 8.0867, 19.6474

Complementary

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



236.8990, -27.0652, 0.9656



192.1010, 27.0652, -0.9656

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.



237.3900, 8.6817, 15.4440



236.8990, -27.0652, 0.9656



230.8800, 11.8912, -34.0978

Square

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



236.8990, -27.0652, 0.9656



222.7080, 15.9200, -66.3959



237.8780, 8.4411, -0.7700



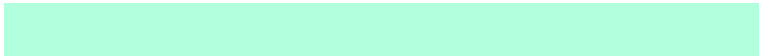
229.5360, -6.1802, 22.3319

Rectangle

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



236.8990, -27.0652, 0.9656



228.2150, -3.0640, -44.0386



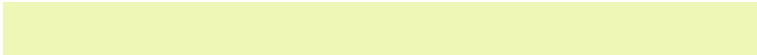
237.8780, 8.4411, -0.7700



234.4550, 10.1287, 18.0180

Sweetspot

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



236.8990, -27.0652, 0.9656



251.8230, -8.2937, 0.1552



206.7180, -12.1860, 35.3273



125.9200, -5.3836, 0.0702



0.0000, 0.0000, 0.0000



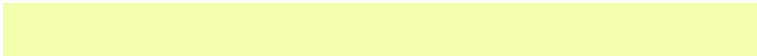
128.0000, 0.0000, 0.0000

Same Dimension

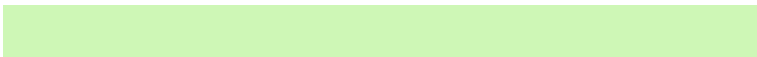
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.8990, -27.0652, 0.9656



242.3630, -34.1960, 1.4356



227.3310, -22.3482, -18.7073



120.3330, -5.0942, 0.5850



157.0220, -77.4118, 2.6117



49.8820, -24.5918, 0.9805

Inverse Universe

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



192.1010, 27.0652, -0.9656



185.9360, 34.0486, -0.8209



201.6690, 22.3482, 18.7073



111.9660, 4.9468, 0.0298



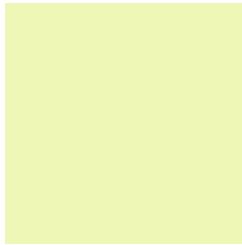
28.9780, 77.4118, -2.6117



9.1180, 24.5918, -0.9805

Previews

White Background



This preview shows how the YUV color 236.8990, -27.0652, 0.9656 looks on a white background.

Color Contrast Check

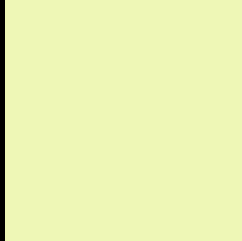
Large Text (above 18pt) WCAG AA × Fail

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 236.8990, -27.0652, 0.9656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

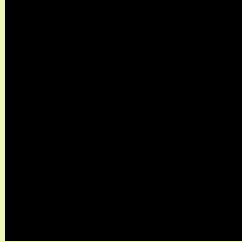
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 236.8990, -27.0652, 0.9656

Background



This preview shows how black text looks on a background with the YUV color 236.8990, -27.0652, 0.9656.



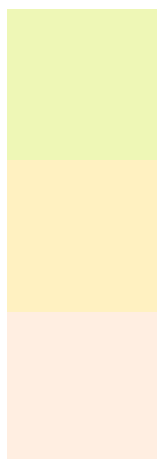
This preview shows how white text looks on a background with the YUV color 236.8990, -27.0652,

0.9656.

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

236.8990, -27.0652, 0.9656

Protanopia

239.7140, -23.0300, 13.4058

Deuteranopia

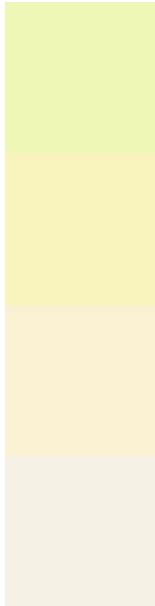
241.6010, -8.1843, 11.7509



Tritanopia

242.6290, 6.0989, 3.8334

Trichromacy



Original Color

236.8990, -27.0652, 0.9656

Protanomaly

238.6380, -24.4715, 9.0875

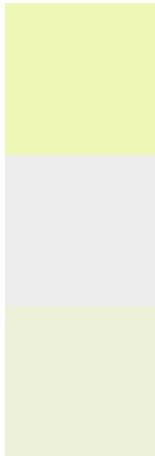
Deuteranomaly

239.7440, -15.1568, 8.1175

Tritanomaly

240.4150, -6.1206, 3.1440

Monochromacy



Original Color

236.8990, -27.0652, 0.9656

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

237.0680, -9.8935, -0.0596

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.8990, -27.0652, 0.9656 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(238, 247, 182)` looks like.

```
.text, #text, p{  
    color:rgb(238, 247, 182)  
}
```

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(238, 247, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 247, 182) }
```

Border

The CSS property to change the border of an element to YUV 236.8990, -27.0652, 0.9656 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(238, 247, 182) }
```


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

```
.border{ border-color:rgb(238, 247, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 247, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 247, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 247, 182);  
box-shadow:4px 4px 4px 4px rgb(238, 247,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 236.8990, -27.0652, 0.9656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 247, 182) }
```

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

```
.background{ background-color: rgb(238,  
247, 182) }
```

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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