

Converting Colors

YUV(231.0230, -62.1293,
0.8568)

Have a look what the booklet for
YUV(231.0230, -62.1293, 0.8568)
contains.

YUV(231.0230, -62.1293, 0.8568)	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(231.0230, -62.1293,
0.8568)**

Conversions

Conversions Part 1

Format	Color
Hex	E8FF69
RGB	232, 255, 105
RGB Percent	91%, 100%, 41%
CMY	0.0902, 0.0000, 0.5882
CMYK	0.09, 0.00, 0.59, 0.00
HSL	69°, 100%, 71%
HSV	69°, 59%, 100%
XYZ	71.5885, 89.6957, 26.9045
YIQ	231.0230, 34.4420, -51.5260

Conversions

Conversions Part 2

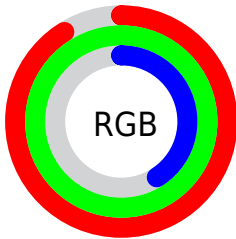
Format	Color
RYB	105, 255, 128
Decimal	15269737
CIELab	95.87, -27.28, 67.38
CIELCh	96, 72.690, 112.040
Yxy	89.6957, 0.3804, 0.4766
Android (android.graphics.Color)	4293459817 (0xFFE8FF69)
YUV	231.0230, -62.1293, 0.8568
Hunter-Lab	94.7078, -30.8127, 49.4524

Details

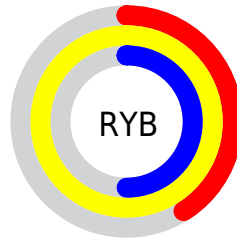
The YUV color **231.0230, -62.1293, 0.8568** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **128.9770, 62.1293, -0.8568**, and the grayscale version is **232.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.2840, -41.0590, 9.3979**, and **173.3110, -62.2713, -0.2727** is the 20% darker color. If you saturate the color by 10%, you get **226.9770, -72.4597, 0.8972**, and if you desaturate by 10%, it is **235.1830, -51.3622, 0.7165**.

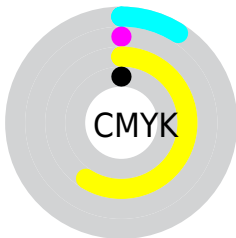
Distribution



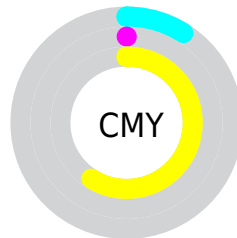
- Red (91%)
- Green (100%)
- Blue (41%)



- Red (41%)
- Yellow (100%)
- Blue (50%)



- Cyan (9%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.0230, -62.1293, 0.8568 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 231.0230, -62.1293, 0.8568 by changing the saturation by 10% instead.

231.0230,
-62.1293, 0.8568

231.0230,
-62.1293, 0.8568

255.0000, 0.0000,
0.0000

201.8380,
-61.5451, 0.1421

244.2840,
-41.0590, 9.3979

173.3110,
-62.2713, -0.2727

247.5900,
-28.3919, 6.4986

143.9600,
-69.9863, 0.9121

250.8960,
-15.7247, 3.5992

120.0980,
-59.2083, -2.7169

254.2020, -3.0576,
0.6998

96.4640, -47.5568,
-6.5459

74.0150, -36.4894,
-9.6602

51.2560, -25.2692,

-15.1335

■ 29.0730, -14.3330,
-22.8660

■ 17.0230, -8.3923,
-14.9292

■ 231.0230,
-62.1293, 0.8568

■ 231.0230,
-62.1293, 0.8568

■ 226.9770,
-72.4597, 0.8972

■ 235.1830,
-51.3622, 0.7165

■ 222.8170,
-83.2268, 1.0375

■ 239.2290,
-41.0319, 0.6762

■ 218.6570,
-93.9939, 1.1778

■ 243.2750,
-30.7016, 0.6358

■ 214.6110,
-104.3242, 1.2182

■ 247.4350,
-19.9345, 0.4955

■ 214.2690,
-105.6346, 1.5181

■ 251.5950, -9.1673,
0.3552

255.0000, 0.0000,
0.0000

Harmonies

Analogous

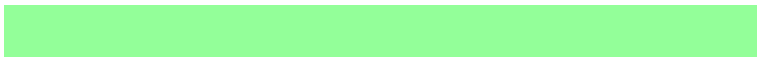
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.1880, -62.2107, 27.0221



231.0230, -62.1293, 0.8568



211.0800, -28.6334, -56.1982

Triad

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



231.0230, -62.1293, 0.8568



178.7550, 37.5888, -156.7681



212.7360, 20.8362, 37.0655

Complementary

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



231.0230, -62.1293, 0.8568



128.9770, 62.1293, -0.8568

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.



225.0630, 14.7589, 26.2547



231.0230, -62.1293, 0.8568



178.7550, 37.5888, -156.7681

Square

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



231.0230, -62.1293, 0.8568



178.7550, 37.5888, -156.7681



229.8380, 12.4049, -12.1359



206.9560, -6.3873, 42.1346

Rectangle

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



231.0230, -62.1293, 0.8568



184.1030, 6.3582, -126.3783



229.8380, 12.4049, -12.1359



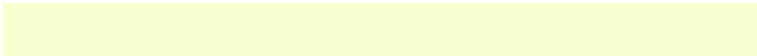
215.6710, 19.3892, 34.4915

Sweetspot

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



231.0230, -62.1293, 0.8568



247.6630, -19.0609, 0.2955



163.3510, -28.7670, 80.3762



123.1990, -11.9301, -0.1745



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.



231.0230, -62.1293, 0.8568



225.9940, -74.9330, 0.8823



208.5980, -51.0738, -45.2514



125.9200, -5.3836, 0.0702



160.5550, -79.1536, 1.2673



53.7140, -26.4810, 0.2508

Inverse Universe

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



128.9770, 62.1293, -0.8568



103.0060, 74.9330, -0.8823



151.4020, 51.0738, 45.2514



117.0800, 5.3836, -0.0702



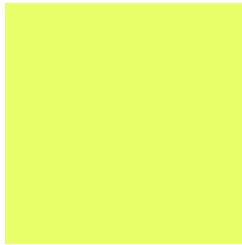
30.4450, 79.1536, -1.2673



10.2860, 26.4810, -0.2508

Previews

White Background



This preview shows how the YUV color 231.0230, -62.1293, 0.8568 looks on a white background.

Color Contrast Check

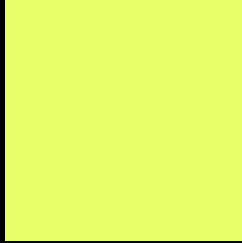
Large Text (above 18pt) WCAG AA × Fail

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 231.0230, -62.1293, 0.8568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

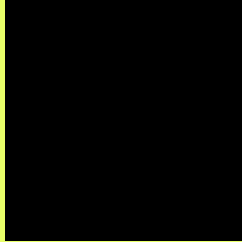
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 231.0230, -62.1293, 0.8568

Background



This preview shows how black text looks on a background with the YUV color 231.0230, -62.1293, 0.8568.



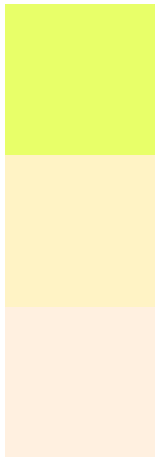
This preview shows how white text looks on a background with the YUV color 231.0230, -62.1293, 0.8568.

0.8568.

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

231.0230, -62.1293, 0.8568

Protanopia

241.3440, -21.8616, 11.9763

Deuteranopia

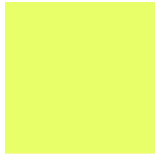
242.6610, -9.1999, 10.8213



Tritanopia

243.8030, 5.5201, 2.8038

Trichromacy



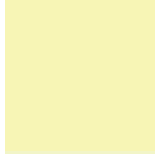
Original Color

231.0230, -62.1293, 0.8568



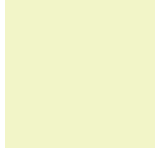
Protanomaly

237.5380, -36.2542, 8.2982



Deuteranomaly

238.3020, -28.2499, 7.6281



Tritanomaly

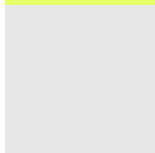
238.9730, -19.2137, 2.6547

Monochromacy



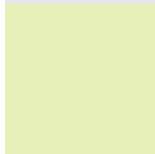
Original Color

231.0230, -62.1293, 0.8568



Achromatopsia

231.0000, 0.0000, 0.0000



Achromatomaly

231.0390, -22.6972, -0.0342

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.0230, -62.1293, 0.8568 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, 255, 105)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 105)  
}
```

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, 255, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 105) }
```

Border

The CSS property to change the border of an element to YUV 231.0230, -62.1293, 0.8568 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, 255, 105) }
```


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

```
.border{ border-color:rgb(232, 255, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 255, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 105);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 231.0230, -62.1293, 0.8568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 105) }
```

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

```
.background{ background-color: rgb(232,  
255, 105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor