

Converting Colors

YUV(178.3430, -87.9231,
-32.7498)

Have a look what the booklet for
YUV(178.3430, -87.9231, -32.7498)
contains.

YUV(178.3430, -87.9231, -32.7498)	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>	30

Color

**YUV(178.3430, -87.9231,
-32.7498)**

Conversions

Conversions Part 1

Format	Color
Hex	8DE800
RGB	141, 232, 0
RGB Percent	55%, 91%, 0%
CMY	0.4471, 0.0902, 1.0000
CMYK	0.39, 0.00, 1.00, 0.09
HSL	84°, 100%, 45%
HSV	84°, 100%, 91%
XYZ	39.8411, 63.3759, 10.1329
YIQ	178.3430, 20.2360, -91.4440

Conversions

Conversions Part 2

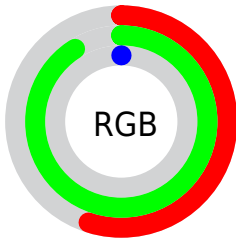
Format	Color
RYB	0, 232, 91
Decimal	9299968
CIELab	83.64, -55.28, 81.16
CIELCh	84, 98.200, 124.262
Yxy	63.3759, 0.3515, 0.5591
Android (android.graphics.Color)	4287490048 (0xFF8DE800)
YUV	178.3430, -87.9231, -32.7498
Hunter-Lab	79.6090, -49.9837, 48.1797

Details

The YUV color **178.3430, -87.9231, -32.7498** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **53.6570, 87.9231, 32.7498**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.9300, -64.5485, -16.6016**, and **126.9330, -62.5780, -42.0372** is the 20% darker color. If you saturate the color by 10%, you get **178.3430, -87.9231, -32.7498**, and if you desaturate by 10%, it is **183.6560, -79.2034, -29.5163**.

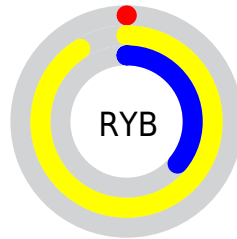
Distribution



Red (55%)

Green (91%)

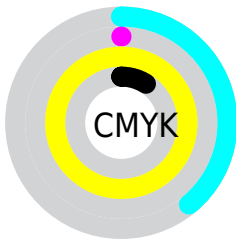
Blue (0%)



Red (0%)

Yellow (91%)

Blue (36%)

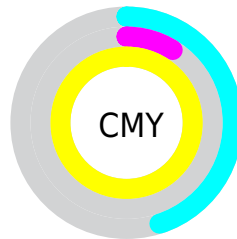


Cyan (39%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (45%)

Magenta (9%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.3430, -87.9231, -32.7498 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 178.3430, -87.9231, -32.7498 by changing the saturation by 10% instead.

■ 178.3430,
-87.9231, -32.7498

■ 178.3430,
-87.9231, -32.7498

■ 255.0000, 0.0000,
0.0000

■ 152.3500,
-75.1085, -36.2639

■ 219.9300,
-64.5485, -16.6016

■ 126.9330,
-62.5780, -42.0372

■ 232.6190,
-56.0142, -0.5429

■ 100.0320,
-49.3158, -49.1401

■ 242.8020,
-46.7374, 10.6976

■ 71.6140, -35.3057,
-62.8055

■ 246.2220,
-33.6334, 7.6983

■ 56.3520, -27.7815,
-49.4207

■ 249.5280,
-20.9663, 4.7989

■ 41.6770, -20.5468,
-36.5507

■ 252.9480, -7.8624,

■ 28.7630, -14.1802,

1.7996

-25.2252

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,
0.0000

■ 178.3430,
-87.9231, -32.7498

■ 183.6560,
-79.2034, -29.5163

■ 188.9690,
-70.4837, -26.2828

■ 194.3960,
-61.3272, -23.1493

■ 199.7090,
-52.6075, -19.9158

■ 205.3210,
-44.0353, -16.0675

■ 210.6340,
-35.3156, -12.8340

■ 215.9470,
-26.5959, -9.6005

■ 221.3740,
-17.4394, -6.4670

■ 226.6870, -8.7197,
-3.2335

Harmonies

Analogous

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



193.8450, -95.5656, 38.7239



178.3430, -87.9231, -32.7498



157.2500, -16.8852, -137.9082

Triad

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



178.3430, -87.9231, -32.7498



169.3630, 42.2190, -148.5314



158.8050, 19.8161, 84.3630

Complementary

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



178.3430, -87.9231, -32.7498



53.6570, 87.9231, 32.7498

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.



181.0380, 36.4633, 64.8647



178.3430, -87.9231, -32.7498



155.8620, 48.8750, -136.6910

Square

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



178.3430, -87.9231, -32.7498



175.2330, 39.3251, -153.6793



199.6460, 27.2895, 20.4815



163.9210, -26.5831, 79.8763

Rectangle

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



178.3430, -87.9231, -32.7498



167.4810, 9.6229, -146.8808



199.6460, 27.2895, 20.4815



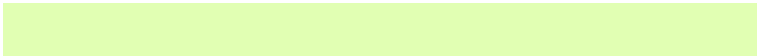
164.6870, 32.1993, 79.2045

Sweetspot

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



178.3430, -87.9231, -32.7498



237.3660, -28.7744, -10.8450



121.6110, -59.9542, 96.8112



117.0750, -17.2920, -7.0818



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.



178.3430, -87.9231, -32.7498



196.0300, -96.6428, -35.9833



144.2570, -71.1187, -102.8344



112.1370, -4.5045, -1.8741



137.3650, -67.7209, -25.7531



39.2060, -19.3286, -7.1967

Inverse Universe

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



53.6570, 87.9231, 32.7498



58.9700, 96.6428, 35.9833



87.7430, 71.1187, 102.8344



105.8630, 4.5045, 1.8741



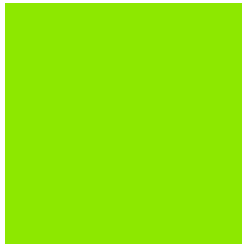
41.3360, 67.8684, 25.1383



11.7940, 19.3286, 7.1967

Previews

White Background



This preview shows how the YUV color 178.3430, -87.9231, -32.7498 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 178.3430, -87.9231, -32.7498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

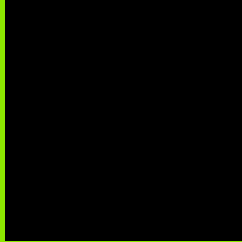
Any Text WCAG AA ✓ Pass

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 178.3430, -87.9231, -32.7498 Background



This preview shows how black text looks on a background with the YUV color 178.3430, -87.9231, -32.7498.



This preview shows how white text looks on a background with the YUV color 178.3430, -87.9231, -32.7498.

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



Protanopia

192.0620, -94.6866, 36.7796

Deuteranopia

202.6170, -56.0132, 45.9399

Tritanopia

203.2870, 14.6485, -31.8237

Trichromacy



Protanomaly

187.1790, -92.2792, 11.2440

Deuteranomaly

193.7540, -67.4197, 17.7557

Tritanomaly

194.4280, -22.8890, -31.9474

Monochromacy



Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.4430, -32.2634, -11.7895

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.3430, -87.9231, -32.7498 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(141, 232, 0)` looks like.

```
.text, #text, p{  
    color:rgb(141, 232, 0)  
}
```

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(141, 232, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 232, 0) }
```

Border

The CSS property to change the border of an element to YUV 178.3430, -87.9231, -32.7498 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(141, 232, 0) }
```

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

```
.border{ border-color:rgb(141, 232, 0) }
```

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

Here you see how a box with a 4 pixel rgb(141, 232, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 232, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 232, 0);  
box-shadow:4px 4px 4px 4px rgb(141, 232,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 178.3430, -87.9231, -32.7498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 232, 0) }
```

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

```
.background{ background-color: rgb(141,  
232, 0) }
```

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