

Converting Colors

YUV(188.0310, -81.3603,
-37.7382)

Have a look what the booklet for
YUV(188.0310, -81.3603, -37.7382)
contains.

YUV(188.0310, -81.3603, -37.7382)	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(188.0310, -81.3603,
-37.7382)**

Conversions

Conversions Part 1

Format	Color
Hex	91F217
RGB	145, 242, 23
RGB Percent	57%, 95%, 9%
CMY	0.4314, 0.0510, 0.9098
CMYK	0.40, 0.00, 0.90, 0.05
HSL	87°, 89%, 52%
HSV	87°, 90%, 95%
XYZ	43.5838, 69.5859, 11.9449
YIQ	188.0310, 12.4870, -88.6730

Conversions

Conversions Part 2

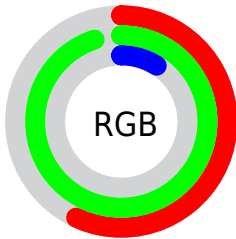
Format	Color
R _Y B	23, 242, 120
Decimal	9564695
CIE Lab	86.79, -57.51, 81.49
CIE LCh	87, 99.737, 125.212
Yxy	69.5859, 0.3484, 0.5562
Android (android.graphics.Color)	4287754775 (0xFF91F217)
YUV	188.0310, -81.3603, -37.7382
Hunter-Lab	83.4181, -52.7201, 49.9028

Details

The YUV color **188.0310, -81.3603, -37.7382** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **76.9690, 81.3603, 37.7382**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.3370, -61.7911, -14.3275**, and **133.4120, -65.7721, -44.2113** is the 20% darker color. If you saturate the color by 10%, you get **182.4190, -89.9326, -41.5865**, and if you desaturate by 10%, it is **194.0560, -72.4986, -33.3751**.

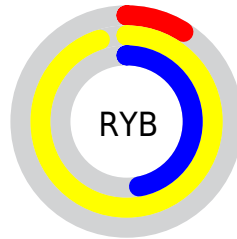
Distribution



Red (57%)

Green (95%)

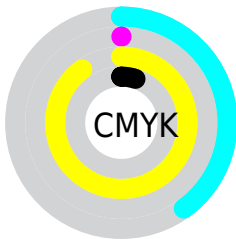
Blue (9%)



Red (9%)

Yellow (95%)

Blue (47%)

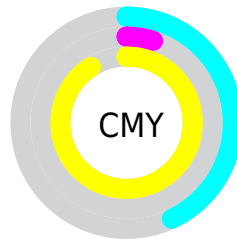


Cyan (40%)

Magenta (0%)

Yellow (90%)

Black (5%)



Cyan (43%)

Magenta (5%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.0310, -81.3603, -37.7382 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 188.0310, -81.3603, -37.7382 by changing the saturation by 10% instead.

188.0310,
-81.3603, -37.7382

188.0310,
-81.3603, -37.7382

255.0000, 0.0000,
0.0000

159.4160,
-78.5921, -38.9528

222.3370,
-61.7911, -14.3275

133.4120,
-65.7721, -44.2113

234.7270,
-53.1094, 1.1164

107.0980,
-52.7993, -51.8289

243.8280,
-42.8062, 9.7978

76.8970, -37.9102,
-67.4387

247.1340,
-30.1391, 6.8985

61.6350, -30.3861,
-54.0539

250.5540,
-17.0351, 3.8991

46.3730, -22.8619,
-40.6691

253.9740, -3.9312,

32.2850, -15.9165,

0.8998

-28.3139

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 188.0310,
-81.3603, -37.7382

■ 188.0310,
-81.3603, -37.7382

■ 182.4190,
-89.9326, -41.5865

■ 194.0560,
-72.4986, -33.3751

■ 199.7820,
-63.4895, -29.6268

■ 205.9210,
-54.1911, -25.3637

■ 211.9460,
-45.3294, -21.0006

■ 217.9710,
-36.4677, -16.6376

■ 223.6970,
-27.4586, -12.8893

■ 229.7220,
-18.5969, -8.5262

■ 235.8610, -9.2985,
-4.2631

■ 241.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



201.8080, -99.4913, 37.8794



188.0310, -81.3603, -37.7382



164.8470, -15.7006, -144.5708

Triad

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



188.0310, -81.3603, -37.7382



174.6460, 39.6145, -153.1645



164.1850, 20.1218, 79.6448

Complementary

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



188.0310, -81.3603, -37.7382



76.9690, 81.3603, 37.7382

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.



185.1470, 34.4375, 61.2611



188.0310, -81.3603, -37.7382



160.5580, 46.5599, -140.8094

Square

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



188.0310, -81.3603, -37.7382



178.7550, 37.5888, -156.7681



207.9410, 23.2001, 25.4847



169.5460, -27.8772, 74.9432

Rectangle

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



188.0310, -81.3603, -37.7382



172.3710, 13.1281, -151.1694



207.9410, 23.2001, 25.4847



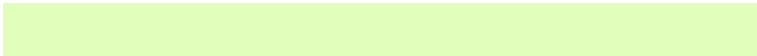
169.5940, 33.2312, 74.9011

Sweetspot

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



188.0310, -81.3603, -37.7382



238.1640, -25.7169, -11.5448



144.2460, -59.7743, 85.7303



117.6450, -15.1080, -7.5817



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.



188.0310, -81.3603, -37.7382



192.1430, -94.7265, -43.9754



156.0380, -65.5877, -103.5193



117.1370, -4.5045, -1.8741



138.5060, -68.2835, -32.0158



42.1410, -20.7755, -9.7707

Inverse Universe

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



76.9690, 81.3603, 37.7382



62.8570, 94.7265, 43.9754



108.9620, 65.5877, 103.5193



110.8630, 4.5045, 1.8741



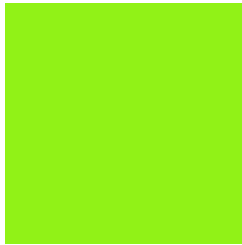
45.1950, 68.4309, 31.4010



13.8590, 20.7755, 9.7707

Previews

White Background



This preview shows how the YUV color 188.0310, -81.3603, -37.7382 looks on a white background.

Color Contrast Check

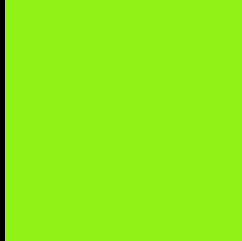
Large Text (above 18pt) WCAG AA × Fail

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 188.0310, -81.3603, -37.7382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

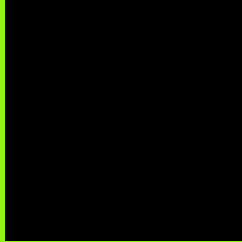
Any Text WCAG AA ✓ Pass

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 188.0310, -81.3603, -37.7382 Background



This preview shows how black text looks on a background with the YUV color 188.0310, -81.3603, -37.7382.



This preview shows how white text looks on a background with the YUV color 188.0310, -81.3603, -37.7382.

-37.7382.

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

188.0310, -81.3603, -37.7382

Protanopia

201.3610, -94.8340, 37.3944

Deuteranopia

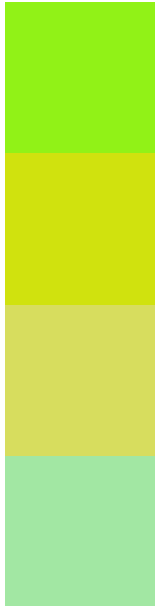
214.3180, -39.1038, 35.6781



Tritanopia

211.2050, 15.6749, -34.3828

Trichromacy



Original Color

188.0310, -81.3603, -37.7382

Protanomaly

196.4500, -89.9479, 10.1293

Deuteranomaly

204.7280, -54.5889, 9.0085

Tritanomaly

202.6170, -19.5312, -35.6211

Monochromacy



Original Color

188.0310, -81.3603, -37.7382

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1160, -29.6372, -14.1337

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.0310, -81.3603, -37.7382 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(145, 242, 23)` looks like.

```
.text, #text, p{  
    color:rgb(145, 242, 23)  
}
```

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(145, 242, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 242, 23) }
```

Border

The CSS property to change the border of an element to YUV 188.0310, -81.3603, -37.7382 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(145, 242, 23) }
```


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

```
.border{ border-color:rgb(145, 242, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 242, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 242, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 242, 23);  
box-shadow:4px 4px 4px 4px rgb(145, 242,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 188.0310, -81.3603, -37.7382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 242, 23) }
```

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

```
.background{ background-color: rgb(145,  
242, 23) }
```

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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