

Converting Colors

YUV(138.2550, 36.8493,
-12.5016)

Have a look what the booklet for
YUV(138.2550, 36.8493, -12.5016)
contains.

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Color

**YUV(138.2550, 36.8493,
-12.5016)**

Conversions

Conversions Part 1

Format	Color
Hex	7C83D5
RGB	124, 131, 213
RGB Percent	49%, 51%, 84%
CMY	0.5137, 0.4863, 0.1647
CMYK	0.42, 0.38, 0.00, 0.16
HSL	235°, 51%, 66%
HSV	235°, 42%, 84%
XYZ	28.4387, 25.3218, 66.3395
YIQ	138.2550, -30.4940, 24.0180

Conversions

Conversions Part 2

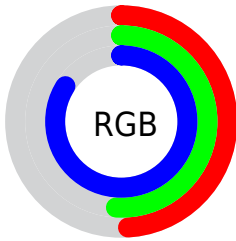
Format	Color
RYB	124, 130, 213
Decimal	8160213
CIELab	57.39, 18.10, -43.02
CIELCh	57, 46.672, 292.813
Yxy	25.3218, 0.2368, 0.2108
Android (android.graphics.Color)	4286350293 (0xFF7C83D5)
YUV	138.2550, 36.8493, -12.5016
Hunter-Lab	50.3208, 12.8178, -42.9394

Details

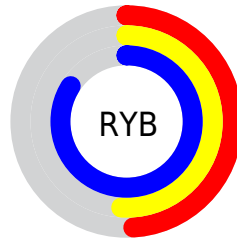
The YUV color **138.2550, 36.8493, -12.5016** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **198.7450, -36.8493, 12.5016**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.8980, 31.6023, -9.5575**, and **86.7770, 35.1129, -15.5904** is the 20% darker color. If you saturate the color by 10%, you get **120.2360, 45.7327, -15.1160**, and if you desaturate by 10%, it is **156.2740, 27.9659, -9.8873**.

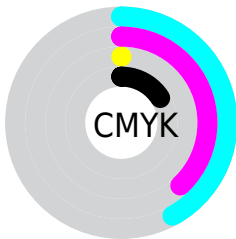
Distribution



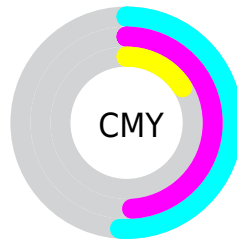
- Red (49%)
- Green (51%)
- Blue (84%)



- Red (49%)
- Yellow (51%)
- Blue (84%)



- Cyan (42%)
- Magenta (38%)
- Yellow (0%)
- Black (16%)



- Cyan (51%)
- Magenta (49%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.2550, 36.8493, -12.5016 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 138.2550, 36.8493, -12.5016 by changing the saturation by 10% instead.

■ 138.2550, 36.8493,
-12.5016

■ 138.2550, 36.8493,
-12.5016

255.0000, 0.0000,
0.0000

■ 112.3150, 35.8337,
-13.4313

■ 190.8980, 31.6023,
-9.5575

■ 86.7770, 35.1129,
-15.5904

■ 215.1190, 19.6613,
-6.2434

■ 61.5270, 34.2502,
-18.8792

■ 241.1120, 6.8468,
-2.7292

■ 34.3900, 35.3037,
-30.1600

■ 19.8000, 30.1716,
-17.3646

■ 6.6120, 25.3343,
-5.7987

■ 5.1640, 14.7091,

-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 138.2550, 36.8493,
-12.5016

■ 138.2550, 36.8493,
-12.5016

■ 120.2360, 45.7327,
-15.1160

■ 156.2740, 27.9659,
-9.8873

■ 102.5050, 54.4740,
-18.8599

■ 174.0050, 19.2245,
-6.1434

■ 84.4860, 63.3574,
-21.4742

■ 192.0240, 10.3412,
-3.5290

■ 67.0540, 71.9514,
-24.6034

■ 209.4560, 1.7472,
-0.3999

■ 49.0350, 80.8347,
-27.2177

■ 227.7740, -7.2836,
2.8292

■ 34.2610, 88.1183,
-30.0469

■ 245.7930,
-16.1669, 5.4435

■ 250.2120,
-18.3455, 4.1991

Harmonies

Analogous

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



109.9670, 53.2603, -96.4411



138.2550, 36.8493, -12.5016



142.1590, 22.5996, 31.4326

Triad

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



138.2550, 36.8493, -12.5016



136.6160, -30.8697, 54.7108



107.1100, 9.3128, -93.9355

Complementary

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



138.2550, 36.8493, -12.5016



198.7450, -36.8493, 12.5016

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.



123.9480, -18.2154, -37.6654



138.2550, 36.8493, -12.5016



134.4700, -39.6717, 31.1598

Square

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



138.2550, 36.8493, -12.5016



137.6340, -14.6096, 66.0960



130.7110, -35.3535, -0.6235



111.8980, 27.6583, -98.1345

Rectangle

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



138.2550, 36.8493, -12.5016



140.9030, 10.8938, 52.7051



130.7110, -35.3535, -0.6235



111.5050, 0.2440, -78.4959

Sweetspot

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



138.2550, 36.8493, -12.5016



226.9360, 13.8356, -4.3289



185.5910, 10.0616, -54.0153



110.5680, 8.5940, -3.1291



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.



138.2550, 36.8493, -12.5016



148.3480, 52.5794, -17.8452



145.2090, 33.4210, 13.8487



97.8410, 4.5154, -1.6146



27.1250, 70.9304, -23.7886



6.6630, 17.9141, -5.8435

Inverse Universe

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



151.4090, -10.0616, 54.0153



167.1130, -14.3527, 77.0769



191.7910, -33.4210, -13.8487



99.4030, -1.1847, 6.6626



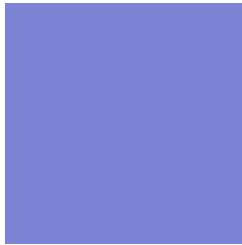
52.6110, -19.5282, 103.8272



13.1990, -5.0281, 26.1355

Previews

White Background



This preview shows how the YUV color 138.2550, 36.8493, -12.5016 looks on a white background.

Color Contrast Check

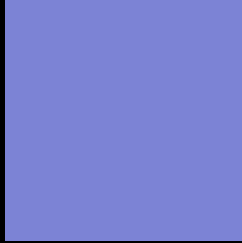
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.2550, 36.8493, -12.5016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

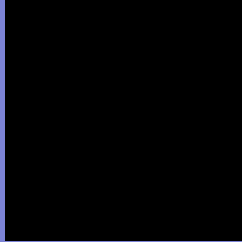
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.2550, 36.8493, -12.5016

Background



This preview shows how black text looks on a background with the YUV color 138.2550, 36.8493, -12.5016.



This preview shows how white text looks on a background with the YUV color 138.2550, 36.8493, -12.5016.

-12.5016.

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

138.2550, 36.8493, -12.5016

Protanopia

135.8620, 39.5080, -25.3120

Deuteranopia

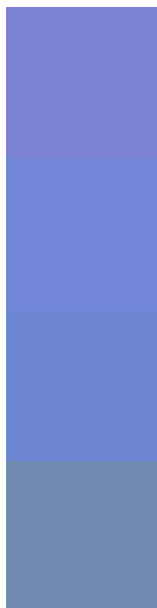
134.4870, 38.2139, -30.2451



Tritanopia

134.2020, 10.2534, -22.1022

Trichromacy



Original Color

138.2550, 36.8493, -12.5016

Protanomaly

136.9550, 38.4762, -21.0085

Deuteranomaly

136.0040, 37.4660, -23.6825

Tritanomaly

135.7430, 19.8467, -19.0686

Monochromacy



Original Color

138.2550, 36.8493, -12.5016

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.8220, 13.3988, -4.2289

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.2550, 36.8493, -12.5016 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(124, 131, 213)` looks like.

```
.text, #text, p{  
    color:rgb(124, 131, 213)  
}
```

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(124, 131, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 131, 213) }
```

Border

The CSS property to change the border of an element to YUV 138.2550, 36.8493, -12.5016 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(124, 131, 213) }
```


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

```
.border{ border-color:rgb(124, 131, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 131, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 131, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 131, 213);  
box-shadow:4px 4px 4px 4px rgb(124, 131,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 138.2550, 36.8493, -12.5016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 131, 213) }
```

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

```
.background{ background-color: rgb(124,  
131, 213) }
```

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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