

Converting Colors

YUV(87.9350, 15.3150,
-12.2210)

Have a look what the booklet for
YUV(87.9350, 15.3150, -12.2210)
contains.

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Color

**YUV(87.9350, 15.3150,
-12.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	4A5977
RGB	74, 89, 119
RGB Percent	29%, 35%, 47%
CMY	0.7098, 0.6510, 0.5333
CMYK	0.38, 0.25, 0.00, 0.53
HSL	220°, 23%, 38%
HSV	220°, 38%, 47%
XYZ	9.7262, 9.9325, 18.8573
YIQ	87.9350, -18.5700, 6.1500

Conversions

Conversions Part 2

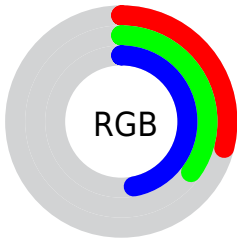
Format	Color
R_{YB}	74, 85, 119
Decimal	4872567
CIE _{Lab}	37.72, 2.31, -18.86
CIE _{LCh}	38, 19.000, 276.990
Yxy	9.9325, 0.2525, 0.2579
Android (android.graphics.Color)	4283062647 (0xFF4A5977)
YUV	87.9350, 15.3150, -12.2210
Hunter-Lab	31.5159, -0.0655, -13.4146

Details

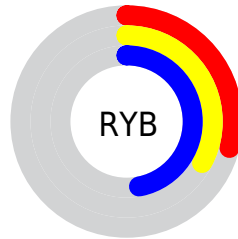
The YUV color **87.9350, 15.3150, -12.2210** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **105.0650, -15.3150, 12.2210**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.1630, 16.1886, -12.4210**, and **41.5820, 14.0101, -13.6654** is the 20% darker color. If you saturate the color by 10%, you get **79.6510, 19.3991, -15.4799**, and if you desaturate by 10%, it is **96.2190, 11.2310, -8.9621**.

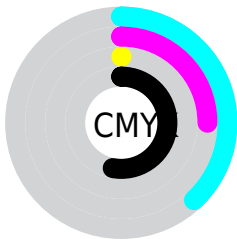
Distribution



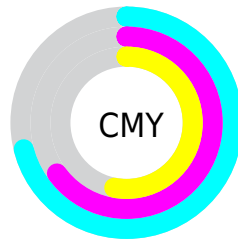
- Red (29%)
- Green (35%)
- Blue (47%)



- Red (29%)
- Yellow (33%)
- Blue (47%)



- Cyan (38%)
- Magenta (25%)
- Yellow (0%)
- Black (53%)



- Cyan (71%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.9350, 15.3150, -12.2210 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 87.9350, 15.3150, -12.2210 by changing the saturation by 10% instead.

■ 87.9350, 15.3150,
-12.2210

■ 87.9350, 15.3150,
-12.2210

■ 255.0000, 0.0000,
0.0000

■ 64.4080, 14.5889,
-12.6358

■ 138.1630, 16.1886,
-12.4210

■ 41.5820, 14.0101,
-13.6654

■ 164.6900, 16.9148,
-12.0061

■ 19.5710, 14.0155,
-15.4098

■ 191.8040, 17.3516,
-12.1061

■ 3.6650, 11.5042,
-3.2142

■ 219.5050, 17.4990,
-12.7209

■ 0.0000, 0.0000,
0.0000

■ 245.1990, 4.8319,
-9.8215

■ 87.9350, 15.3150,
-12.2210

■ 87.9350, 15.3150,
-12.2210

■ 79.6510, 19.3991,
-15.4799

■ 96.2190, 11.2310,
-8.9621

■ 71.3670, 23.4831,
-18.7389

■ 104.5030, 7.1470,
-5.7031

■ 63.0830, 27.5671,
-21.9978

■ 112.7870, 3.0630,
-2.4442

■ 54.7990, 31.6511,
-25.2567

■ 121.0710, -1.0210,
0.8147

■ 46.8140, 35.5877,
-27.9009

■ 129.0560, -4.9576,
3.4589

■ 38.5300, 39.6717,
-31.1598


■ 137.3400, -9.0416,
6.7178

■ 37.0460, 40.4033,
-32.4893

■ 145.6240,
-13.1256, 9.9768

■ 153.3210,

-16.9203, 13.7505

 161.6050,
-21.0043, 17.0094

Harmonies

Analogous

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



84.0640, 16.2374, -28.1201



87.9350, 15.3150, -12.2210



90.8940, 10.8983, 4.4780

Triad

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



87.9350, 15.3150, -12.2210



89.7490, -9.2433, 24.7761



83.2550, -3.5767, -19.5176

Complementary

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



87.9350, 15.3150, -12.2210



105.0650, -15.3150, 12.2210

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.



85.5080, -10.6034, -5.7075



87.9350, 15.3150, -12.2210



89.1520, -13.8789, 18.2837

Square

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



87.9350, 15.3150, -12.2210



90.5840, -2.2599, 24.9208



87.5590, -14.5726, 7.4028



80.8820, 5.4812, -31.4685

Rectangle

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



87.9350, 15.3150, -12.2210



91.0370, 7.3768, 13.9996



87.5590, -14.5726, 7.4028



84.0060, -5.9190, -14.9143

Sweetspot

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



87.9350, 15.3150, -12.2210



143.5740, 6.1260, -4.8884



103.8350, 0.0813, -26.1653



71.9010, 3.4998, -2.5442



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



87.9350, 15.3150, -12.2210



107.4810, 23.9199, -18.8388



81.2230, 18.6241, -0.1956



54.8580, 2.0420, -1.6295



37.9750, 41.4243, -33.3041



77.2210, 85.1800, -67.7228

Inverse Universe

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



89.1650, -0.0813, 26.1653



109.5520, -0.2721, 40.7349



111.4780, -18.4767, -0.4192



55.0220, -0.0108, 3.4887



41.1520, -0.0749, 70.9037



84.2120, -0.5975, 145.3961

Previews

White Background



This preview shows how the YUV color 87.9350, 15.3150, -12.2210 looks on a white 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

Black Background



This preview shows how the YUV color 87.9350, 15.3150, -12.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

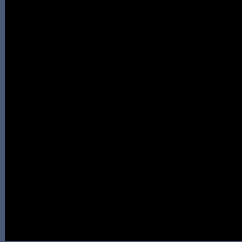
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.9350, 15.3150, -12.2210

Background



This preview shows how black text looks on a background with the YUV color 87.9350, 15.3150, -12.2210.



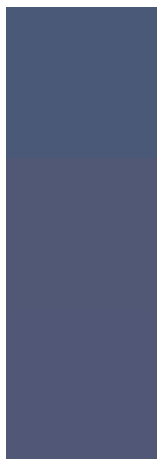
This preview shows how white text looks on a background with the YUV color 87.9350, 15.3150,

-12.2210.

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

87.9350, 15.3150, -12.2210

Protanopia

89.0280, 14.2832, -7.9176

Deuteranopia

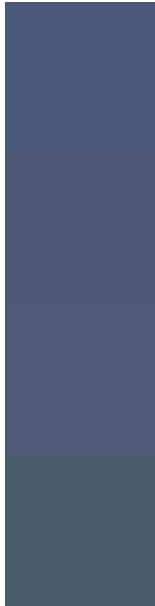
88.5550, 15.0094, -7.5027



Tritanopia

86.6220, 6.5954, -15.4545

Trichromacy



Original Color

87.9350, 15.3150, -12.2210

Protanomaly

88.4300, 14.5780, -9.1471

Deuteranomaly

88.5440, 15.0148, -9.2471

Tritanomaly

87.4310, 9.6475, -14.4100

Monochromacy



Original Color

87.9350, 15.3150, -12.2210

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.7590, 5.5418, -4.1736

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.9350, 15.3150, -12.2210 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(74, 89, 119)` looks like.

```
.text, #text, p{  
    color:rgb(74, 89, 119)  
}
```

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(74, 89, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 89, 119) }
```

Border

The CSS property to change the border of an element to YUV 87.9350, 15.3150, -12.2210 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(74, 89, 119) }
```


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

```
.border{ border-color:rgb(74, 89, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 89, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 89, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 89, 119);  
box-shadow:4px 4px 4px 4px rgb(74, 89,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 87.9350, 15.3150, -12.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 89, 119) }
```

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

```
.background{ background-color: rgb(74, 89,  
119) }
```

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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