

Converting Colors

YUV(121.6170, -38.7582,
111.7149)

Have a look what the booklet for
YUV(121.6170, -38.7582, 111.7149)
contains.

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Color

**YUV(121.6170, -38.7582,
111.7149)**

Conversions

Conversions Part 1

Format	Color
Hex	F9482B
RGB	249, 72, 43
RGB Percent	98%, 28%, 17%
CMY	0.0235, 0.7176, 0.8314
CMYK	0.00, 0.71, 0.83, 0.02
HSL	8°, 94%, 57%
HSV	8°, 83%, 98%
XYZ	41.8203, 24.9489, 4.8969
YIQ	121.6170, 114.8010, 28.5050

Conversions

Conversions Part 2

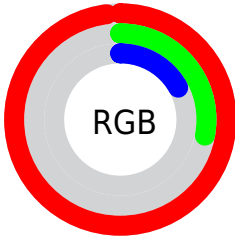
Format	Color
R_{YB}	249, 77, 43
Decimal	16336939
CIE Lab	57.03, 65.53, 54.78
CIE LCh	57, 85.411, 39.896
Yxy	24.9489, 0.5835, 0.3481
Android (android.graphics.Color)	4294527019 (0xFFFF9482B)
YUV	121.6170, -38.7582, 111.7149
Hunter-Lab	49.9489, 62.0409, 29.1515

Details

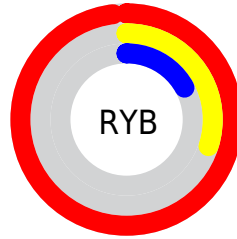
The YUV color **121.6170, -38.7582, 111.7149** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **170.3830, 38.7582, -111.7149**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.6300, -35.3136, 80.1315**, and **55.0160, -27.1229, 113.1190** is the 20% darker color. If you saturate the color by 10%, you get **106.4400, -43.6009, 125.0251**, and if you desaturate by 10%, it is **136.7940, -33.9154, 98.4047**.

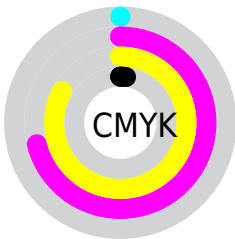
Distribution



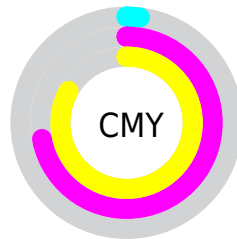
- Red (98%)
- Green (28%)
- Blue (17%)



- Red (98%)
- Yellow (30%)
- Blue (17%)



- Cyan (0%)
- Magenta (71%)
- Yellow (83%)
- Black (2%)





- Cyan (2%)
- Magenta (72%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.6170, -38.7582, 111.7149 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 121.6170, -38.7582, 111.7149 by changing the saturation by 10% instead.


 121.6170,
-38.7582, 111.7149


 121.6170,
-38.7582, 111.7149


255.0000, 0.0000,
0.0000

 88.9420, -34.9744,
111.4299


 163.6300,
-35.3136, 80.1315


 55.0160, -27.1229,
113.1190


 183.6170,
-32.3492, 62.6029

 45.1490, -22.2585,
92.8313


 203.6040,
-29.3848, 45.0743

 35.5810, -17.5414,
73.1585

 223.7050,
-25.9836, 27.4457

 26.4260, -12.5350,
54.0004

 244.5070,
-22.4350, 9.2024

 17.9830, -7.3866,
35.9719

 251.8080,

 6.2790, -3.0955,

-12.2303, 2.7994

12.9103

■ 0.0000, 0.0000,
0.0000

■ 121.6170,
-38.7582, 111.7149

■ 121.6170,
-38.7582, 111.7149

■ 106.4400,
-43.6009, 125.0251

■ 136.7940,
-33.9154, 98.4047

■ 94.9960, -46.8330,
135.0615

■ 152.5580,
-29.3621, 84.5796

■ 167.7350,
-24.5194, 71.2694

■ 183.4990,
-19.9660, 57.4444

■ 198.5620,
-15.5601, 44.2341

213.7390,
-10.7173, 30.9239

229.5030, -6.1640,
17.0989

244.6800, -1.3212,
3.7886

253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



102.3830, 6.7132, 133.8451



121.6170, -38.7582, 111.7149



128.5120, -63.3564, 67.9570

Triad

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



121.6170, -38.7582, 111.7149



106.2030, -11.9321, -93.1400



110.6630, 71.1581, -97.0515

Complementary

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



121.6170, -38.7582, 111.7149



170.3830, 38.7582, -111.7149

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.



122.4030, 65.3703, -107.3474



121.6170, -38.7582, 111.7149



116.9700, 21.7068, -102.5827

Square

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



121.6170, -38.7582, 111.7149



108.2940, -53.3889, -49.3698



124.4770, 53.0088, -109.1663



139.2360, 56.0857, 24.3490

Rectangle

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



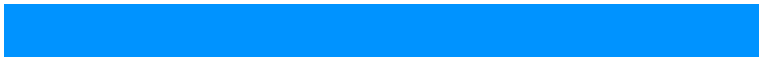
121.6170, -38.7582, 111.7149



128.2920, -63.2480, 33.0699



124.4770, 53.0088, -109.1663



115.3590, 68.8430, -101.1698

Sweetspot

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



121.6170, -38.7582, 111.7149



215.4190, -12.0386, 34.7125



125.0000, 47.8210, 108.7480



104.1830, -7.4852, 20.8875



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.



121.6170, -38.7582, 111.7149



98.8930, -47.2752, 136.9058



180.9040, -67.9867, 59.7202



117.0610, -2.4951, 6.9625



72.3600, -35.6735, 102.2933



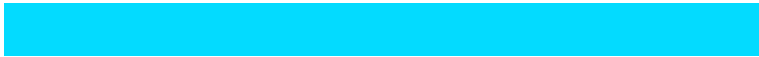
23.5220, -11.5963, 32.8682

Inverse Universe

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



170.3830, 38.7582, -111.7149



158.5200, 47.5646, -136.3910



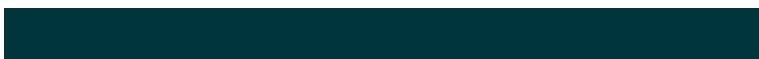
111.0960, 67.9867, -59.7202



119.9390, 2.4951, -6.9625



116.6400, 35.6735, -102.2933



38.0650, 11.3070, -33.3830

Previews

White Background



This preview shows how the YUV color 121.6170, -38.7582, 111.7149 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 121.6170, -38.7582, 111.7149 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 121.6170, -38.7582, 111.7149 Background



This preview shows how black text looks on a background with the YUV color 121.6170, -38.7582, 111.7149.



This preview shows how white text looks on a background with the YUV color 121.6170, -38.7582, 111.7149.

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

121.6170, -38.7582, 111.7149

Protanopia

132.7070, -35.8446, 16.9200

Deuteranopia

130.6590, -53.0759, 37.1331



Tritanopia

123.3470, -25.8071, 111.0747

Trichromacy



Original Color

121.6170, -38.7582, 111.7149

Protanomaly

128.4000, -36.6792, 51.3922

Deuteranomaly

127.5020, -48.0685, 64.4577

Tritanomaly

122.7940, -30.4644, 111.5597

Monochromacy



Original Color

121.6170, -38.7582, 111.7149

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.8820, -14.2388, 40.4455

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.6170, -38.7582, 111.7149 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(249, 72, 43)` looks like.

```
.text, #text, p{  
    color:rgb(249, 72, 43)  
}
```

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(249, 72, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 72, 43) }
```

Border

The CSS property to change the border of an element to YUV 121.6170, -38.7582, 111.7149 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(249, 72, 43) }
```


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

```
.border{ border-color:rgb(249, 72, 43) }
```

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

Here you see how a box with a 4 pixel rgb(249, 72, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 72, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 72, 43);  
box-shadow:4px 4px 4px 4px rgb(249, 72,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 121.6170, -38.7582, 111.7149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 72, 43) }
```

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

```
.background{ background-color: rgb(249, 72,  
43) }
```

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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