

Converting Colors

YUV(121.7640, -38.3377,
116.8480)

Have a look what the booklet for
YUV(121.7640, -38.3377, 116.8480)
contains.

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Color

**YUV(121.7640, -38.3377,
116.8480)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FF452C |
| RGB | 255, 69, 44 |
| RGB Percent | 100%, 27%, 17% |
| CMY | 0.0000, 0.7294, 0.8275 |
| CMYK | 0.00, 0.73, 0.83, 0.00 |
| HSL | 7°, 100%, 59% |
| HSV | 7°, 83%, 100% |
| XYZ | 43.8227, 25.6981, 5.0334 |
| YIQ | 121.7640, 118.8810, 31.6570 |

Conversions

Conversions Part 2

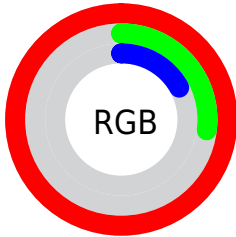
| Format | Color |
|-------------------------------------|--|
| RYB | 255, 72, 44 |
| Decimal | 16729388 |
| CIELab | 57.75, 68.38, 55.38 |
| CIElCh | 58, 87.993, 38.999 |
| Yxy | 25.6981, 0.5878, 0.3447 |
| Android (android.graphics.Color) | 4294919468 (0xFFFF452C) |
| YUV | 121.7640, -38.3377, 116.8480 |
| Hunter-Lab | 50.6933, 65.5944, 29.5983 |

Details

The YUV color **121.7640, -38.3377, 116.8480** 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 **177.2360, 38.3377, -116.8480**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.5700, -34.2980, 81.0611**, and **56.5110, -27.8599, 116.1929** is the 20% darker color. If you saturate the color by 10%, you get **106.0000, -42.8910, 130.6730**, and if you desaturate by 10%, it is **137.6420, -33.3475, 102.9230**.

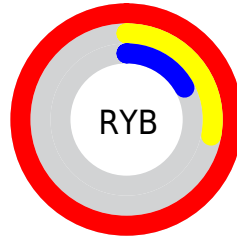
Distribution



Red (100%)

Green (27%)

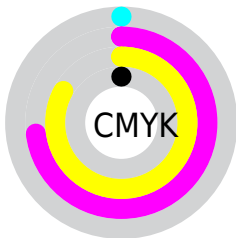
Blue (17%)



Red (100%)

Yellow (28%)

Blue (17%)

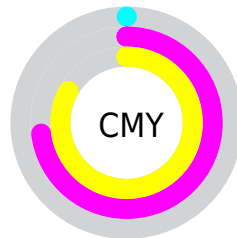


Cyan (0%)

Magenta (73%)

Yellow (83%)

Black (0%)



Cyan (0%)


Magenta (73%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.7640, -38.3377, 116.8480 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 121.7640, -38.3377, 116.8480 by changing the saturation by 10% instead.


 121.7640,
-38.3377, 116.8480


 121.7640,
-38.3377, 116.8480


255.0000, 0.0000,
0.0000

 87.3280, -33.6857,
118.1073


 162.5700,
-34.2980, 81.0611


 56.5110, -27.8599,
116.1929


 182.5570,
-31.3336, 63.5325

 46.9430, -23.1429,
96.5200


 202.5440,
-28.3692, 46.0039

 37.0760, -18.2785,
76.2323

 223.2320,
-25.2574, 27.8605

 27.9210, -13.2721,
57.0743

 244.0340,
-21.7088, 9.6172

 19.4780, -8.1237,
39.0458

 251.9220,

 8.7850, -3.8380,

-11.7935, 2.6994

17.7286

■ 0.0000, 0.0000,
0.0000

■ 121.7640,
-38.3377, 116.8480

■ 121.7640,
-38.3377, 116.8480

■ 106.0000,
-42.8910, 130.6730

■ 137.6420,
-33.3475, 102.9230

■ 93.8550, -46.2705,
141.3242

■ 153.9930,
-29.0835, 88.5831

■ 169.8710,
-24.0934, 74.6581

■ 186.2220,
-19.8294, 60.3183

■ 202.1000,
-14.8393, 46.3933

218.4510,
-10.5753, 32.0535

234.3290, -5.5852,
18.1285

250.6800, -1.3212,
3.7886

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



92.7460, 12.9432, 142.2968



121.7640, -38.3377, 116.8480



130.0070, -64.0935, 71.0309

Triad

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



121.7640, -38.3377, 116.8480



107.6220, -14.1106, -94.3845



112.4240, 70.2900, -98.5958

Complementary

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



121.7640, -38.3377, 116.8480



177.2360, 38.3377, -116.8480

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.



124.1640, 64.5021, -108.8918



121.7640, -38.3377, 116.8480



118.7310, 20.8386, -104.1271

Square

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



121.7640, -38.3377, 116.8480



110.0660, -54.2625, -49.1699



126.5800, 53.4511, -111.0107



140.3390, 56.5279, 22.5047

Rectangle

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



121.7640, -38.3377, 116.8480



130.0750, -64.1270, 35.0142



126.5800, 53.4511, -111.0107



117.1200, 67.9748, -102.7142

Sweetspot

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



121.7640, -38.3377, 116.8480



214.8320, -11.7492, 35.2273



128.2930, 50.1416, 111.1220



103.5960, -7.1958, 21.4023



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.



121.7640, -38.3377, 116.8480



95.3710, -45.5389, 139.9946



183.3990, -68.7237, 62.7941



119.4740, -2.2057, 7.4773



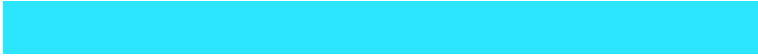
70.6100, -34.8107, 105.5820



23.8320, -11.7492, 35.2273

Inverse Universe

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



177.2360, 38.3377, -116.8480



162.0420, 45.8283, -139.4798



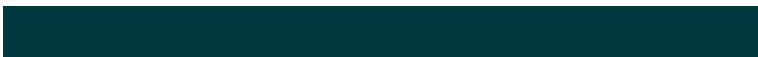
115.6010, 68.7237, -62.7941



122.9390, 2.4951, -6.9625



120.9770, 34.5213, -106.0968



40.1680, 11.7492, -35.2273

Previews

White Background



This preview shows how the YUV color 121.7640, -38.3377, 116.8480 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 121.7640, -38.3377, 116.8480 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 121.7640, -38.3377, 116.8480 Background



This preview shows how black text looks on a background with the YUV color 121.7640, -38.3377, 116.8480.



This preview shows how white text looks on a background with the YUV color 121.7640, -38.3377, 116.8480.

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

121.7640, -38.3377, 116.8480

Protanopia

134.7070, -35.8446, 16.9200

Deuteranopia

132.4310, -53.9495, 37.3330



Tritanopia

123.4400, -26.8389, 115.3781

Trichromacy



Original Color

121.7640, -38.3377, 116.8480

Protanomaly

130.2970, -37.1214, 53.2365

Deuteranomaly

128.5130, -48.0739, 66.2021

Tritanomaly

123.0010, -31.0595, 115.7631

Monochromacy



Original Color

121.7640, -38.3377, 116.8480

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.0070, -13.8075, 42.0899

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.7640, -38.3377, 116.8480 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(255, 69, 44)` looks like.

```
.text, #text, p{  
    color:rgb(255, 69, 44)  
}
```

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(255, 69, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 69, 44) }
```

Border

The CSS property to change the border of an element to YUV 121.7640, -38.3377, 116.8480 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(255, 69, 44) }
```


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

```
.border{ border-color:rgb(255, 69, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 69, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 69, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 69, 44);  
box-shadow:4px 4px 4px 4px rgb(255, 69,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 121.7640, -38.3377, 116.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 69, 44) }
```

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

```
.background{ background-color: rgb(255, 69,  
44) }
```

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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