

Converting Colors

YUV(127.1170, -40.4837,
105.1374)

Have a look what the booklet for
YUV(127.1170, -40.4837, 105.1374)
contains.

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Color

**YUV(127.1170, -40.4837,
105.1374)**

Conversions

Conversions Part 1

Format	Color
Hex	F7522D
RGB	247, 82, 45
RGB Percent	97%, 32%, 18%
CMY	0.0314, 0.6784, 0.8235
CMYK	0.00, 0.67, 0.82, 0.03
HSL	11°, 93%, 57%
HSV	11°, 82%, 97%
XYZ	41.8487, 25.9982, 5.2951
YIQ	127.1170, 110.2170, 23.4730

Conversions

Conversions Part 2

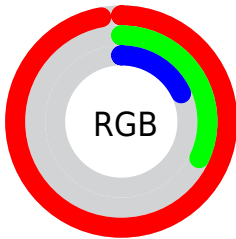
Format	Color
R_{YB}	247, 90, 45
Decimal	16208429
CIE _{Lab}	58.04, 61.26, 54.65
CIE _{LCh}	58, 82.092, 41.733
Yxy	25.9982, 0.5722, 0.3554
Android (android.graphics.Color)	4294398509 (0xFFFF7522D)
YUV	127.1170, -40.4837, 105.1374
Hunter-Lab	50.9884, 57.2740, 29.5347

Details

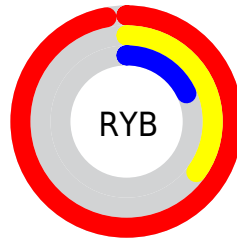
The YUV color **127.1170, -40.4837, 105.1374** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **164.8830, 40.4837, -105.1374**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5540, -36.7551, 75.8131**, and **59.1140, -29.1432, 107.7710** is the 20% darker color. If you saturate the color by 10%, you get **112.5270, -45.6158, 117.9328**, and if you desaturate by 10%, it is **141.7070, -35.3516, 92.3420**.

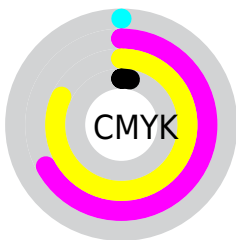
Distribution



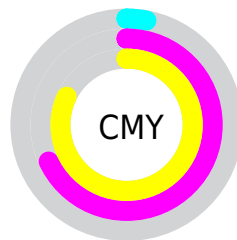
- Red (97%)
- Green (32%)
- Blue (18%)



- Red (97%)
- Yellow (35%)
- Blue (18%)



- Cyan (0%)
- Magenta (67%)
- Yellow (82%)
- Black (3%)



- Cyan (3%)
- Magenta (68%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.1170, -40.4837, 105.1374 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 127.1170, -40.4837, 105.1374 by changing the saturation by 10% instead.

127.1170,
-40.4837, 105.1374

127.1170,
-40.4837, 105.1374

255.0000, 0.0000,
0.0000

96.7900, -37.8575,
102.7932

168.5540,
-36.7551, 75.8131

59.1140, -29.1432,
107.7710

187.9540,
-33.5013, 58.7993

44.8500, -22.1110,
92.2166

207.9410,
-30.5369, 41.2707

35.2820, -17.3940,
72.5437

228.7430,
-26.9883, 23.0274

26.3120, -12.9718,
54.1004

248.8440,
-23.5871, 5.3988

18.2820, -7.5340,
36.5867

252.1500,

6.2790, -3.0955,

-10.9200, 2.4994

12.9103

■ 0.0000, 0.0000,
0.0000

■ 127.1170,
-40.4837, 105.1374

■ 127.1170,
-40.4837, 105.1374

■ 112.5270,
-45.6158, 117.9328

■ 141.7070,
-35.3516, 92.3420

■ 100.2680,
-49.4321, 128.6840

■ 156.1830,
-30.6562, 79.6465

■ 171.3600,
-25.8135, 66.3363

■ 185.9500,
-20.6813, 53.5409

■ 200.5400,
-15.5492, 40.7454

215.0160,
-10.8539, 28.0500

229.6060, -5.7218,
15.2545

244.1960, -0.5896,
2.4591

252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



115.1830, -0.0902, 122.6195



127.1170, -40.4837, 105.1374



131.4360, -64.7979, 63.6386

Triad

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



127.1170, -40.4837, 105.1374



108.9900, -8.8691, -95.5842



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.



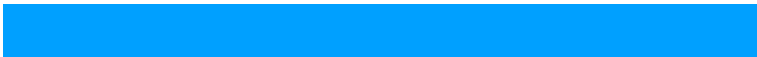
127.1170, -40.4837, 105.1374



164.8830, 40.4837, -105.1374

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.



122.9900, 65.0809, -107.8622



127.1170, -40.4837, 105.1374



118.8280, 23.7488, -104.2122

Square

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



127.1170, -40.4837, 105.1374



110.0660, -54.2625, -49.1699



125.8790, 53.3037, -110.3959



142.2320, 52.1436, 28.7375

Rectangle

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



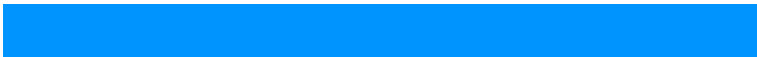
127.1170, -40.4837, 105.1374



130.3410, -64.2581, 30.3959



125.8790, 53.3037, -110.3959



115.9460, 68.5536, -101.6846

Sweetspot

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



127.1170, -40.4837, 105.1374



217.1800, -12.9067, 33.1681



124.5500, 43.6059, 107.3886



104.7700, -7.7746, 20.3727



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.



127.1170, -40.4837, 105.1374



106.7520, -50.1637, 130.0135



184.6430, -68.8440, 54.6871



114.7620, -2.3477, 6.3477



75.5720, -37.2570, 96.8454



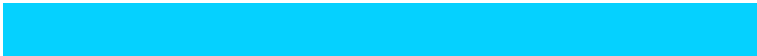
24.0980, -11.8803, 30.6091

Inverse Universe

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



164.8830, 40.4837, -105.1374



153.2480, 50.1637, -130.0135



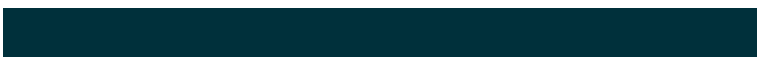
107.3570, 68.8440, -54.6871



117.2380, 2.3477, -6.3477



110.4280, 37.2570, -96.8454



34.9020, 11.8803, -30.6091

Previews

White Background



This preview shows how the YUV color 127.1170, -40.4837, 105.1374 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 127.1170, -40.4837, 105.1374 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 127.1170, -40.4837, 105.1374 Background



This preview shows how black text looks on a background with the YUV color 127.1170, -40.4837, 105.1374.



This preview shows how white text looks on a background with the YUV color 127.1170, -40.4837, 105.1374.

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

127.1170, -40.4837, 105.1374

Protanopia

135.4790, -36.7181, 17.1199

Deuteranopia

133.8870, -52.2023, 36.9331



Tritanopia

129.2860, -23.3120, 104.1122

Trichromacy



Original Color

127.1170, -40.4837, 105.1374

Protanomaly

132.3350, -38.1262, 48.8182

Deuteranomaly

131.1920, -47.9157, 62.0986

Tritanomaly

128.3910, -29.2798, 104.8971

Monochromacy



Original Color

127.1170, -40.4837, 105.1374

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.3440, -14.9596, 38.2863

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.1170, -40.4837, 105.1374 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(247, 82, 45)` looks like.

```
.text, #text, p{  
    color:rgb(247, 82, 45)  
}
```

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(247, 82, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 82, 45) }
```

Border

The CSS property to change the border of an element to YUV 127.1170, -40.4837, 105.1374 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(247, 82, 45) }
```


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

```
.border{ border-color:rgb(247, 82, 45) }
```

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

Here you see how a box with a 4 pixel rgb(247, 82, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 82, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 82, 45);  
box-shadow:4px 4px 4px 4px rgb(247, 82,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 127.1170, -40.4837, 105.1374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 82, 45) }
```

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

```
.background{ background-color: rgb(247, 82,  
45) }
```

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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