

Converting Colors

YUV(135.7420, -41.7778,
100.2043)

Have a look what the booklet for
YUV(135.7420, -41.7778, 100.2043)
contains.

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Color

**YUV(135.7420, -41.7778,
100.2043)**

Conversions

Conversions Part 1

Format	Color
Hex	FA5E33
RGB	250, 94, 51
RGB Percent	98%, 37%, 20%
CMY	0.0196, 0.6314, 0.8000
CMYK	0.00, 0.62, 0.80, 0.02
HSL	13°, 95%, 59%
HSV	13°, 80%, 98%
XYZ	44.0246, 28.5684, 6.3259
YIQ	135.7420, 106.7790, 19.6990

Conversions

Conversions Part 2

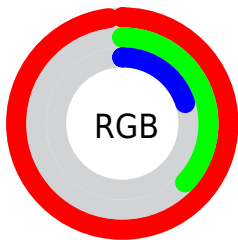
Format	Color
R_{YB}	250, 106, 51
Decimal	16408115
CIE _{Lab}	60.40, 57.56, 54.26
CIE _{LCh}	60, 79.101, 43.312
Yxy	28.5684, 0.5578, 0.3620
Android (android.graphics.Color)	4294598195 (0xFFFA5E33)
YUV	135.7420, -41.7778, 100.2043
Hunter-Lab	53.4494, 53.4882, 30.3975

Details

The YUV color **135.7420, -41.7778, 100.2043** 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 **165.2580, 41.7778, -100.2043**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.8090, -36.8808, 69.4505**, and **75.2730, -37.1096, 96.2306** is the 20% darker color. If you saturate the color by 10%, you get **121.1520, -46.9099, 112.9997**, and if you desaturate by 10%, it is **150.3320, -36.6457, 87.4088**.

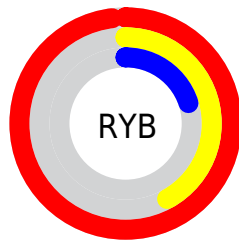
Distribution



Red (98%)

Green (37%)

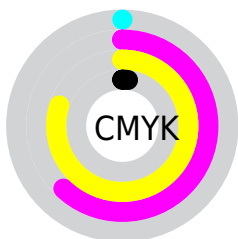
Blue (20%)



Red (98%)

Yellow (42%)

Blue (20%)

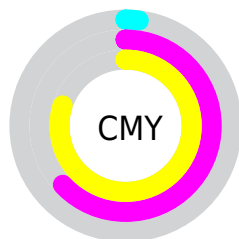


Cyan (0%)

Magenta (62%)

Yellow (80%)

Black (2%)



Cyan (2%)


Magenta (63%)


Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.7420, -41.7778, 100.2043 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 135.7420, -41.7778, 100.2043 by changing the saturation by 10% instead.


 135.7420,
-41.7778, 100.2043


 135.7420,
-41.7778, 100.2043


255.0000, 0.0000,
0.0000


 106.8880,
-39.8778, 97.4452


 175.8090,
-36.8808, 69.4505


 75.2730, -37.1096,
96.2306


 195.2090,
-33.6270, 52.4367

 46.0460, -22.7007,
94.6757


 215.1960,
-30.6626, 34.9081

 36.4780, -17.9837,
75.0028

 235.4110,
-26.8246, 17.1796

 27.5080, -13.5614,
56.5595

 249.6420,
-20.5295, 4.6990

 19.4780, -8.1237,
39.0458

 252.9480, -7.8624,

 9.0840, -3.9854,

1.7996

18.3433

■ 0.0000, 0.0000,
0.0000

■ 135.7420,
-41.7778, 100.2043

■ 135.7420,
-41.7778, 100.2043

■ 121.1520,
-46.9099, 112.9997

■ 150.3320,
-36.6457, 87.4088

■ 107.1490,
-52.3315, 125.2803

■ 164.3350,
-31.2242, 75.1282

■ 106.4480,
-52.4789, 125.8951

■ 178.9250,
-26.0920, 62.3328

■ 192.9280,
-20.6705, 50.0521

■ 207.5180,
-15.5384, 37.2567

222.1080,
-10.4062, 24.4613

236.1110, -4.9847,
12.1807

250.7010, 0.1474,
-0.6148

253.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



126.6780, -4.2783, 112.5384



135.7420, -41.7778, 100.2043



137.0290, -67.5553, 61.3646

Triad

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



135.7420, -41.7778, 100.2043



113.8800, -5.3638, -99.8728



113.5980, 69.7112, -99.6254

Complementary

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



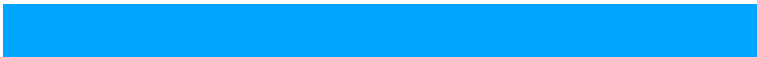
135.7420, -41.7778, 100.2043



165.2580, 41.7778, -100.2043

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.



125.9250, 63.6340, -110.4362



135.7420, -41.7778, 100.2043



123.3760, 25.9436, -108.2008

Square

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



135.7420, -41.7778, 100.2043



118.7050, -46.6896, -51.4843



129.6120, 54.9143, -113.6697



149.0430, 48.7858, 32.4113

Rectangle

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



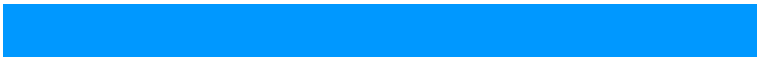
135.7420, -41.7778, 100.2043



135.6460, -66.8735, 29.2515



129.6120, 54.9143, -113.6697



118.2940, 67.3961, -103.7438

Sweetspot

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



135.7420, -41.7778, 100.2043



219.8700, -12.7539, 30.8090



128.6270, 40.1169, 106.4441



106.7590, -7.7692, 18.6284



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.



135.7420, -41.7778, 100.2043



114.3660, -51.4524, 123.3360



192.0940, -69.5593, 50.7836



117.6480, -2.7845, 6.4477



80.5780, -39.7250, 95.0861



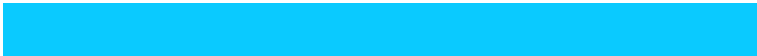
25.8700, -12.7539, 30.8090

Inverse Universe

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



165.2580, 41.7778, -100.2043



150.6340, 51.4524, -123.3360



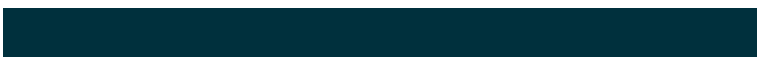
108.9060, 69.5593, -50.7836



119.3520, 2.7845, -6.4477



108.4220, 39.7250, -95.0861



35.1300, 12.7539, -30.8090

Previews

White Background



This preview shows how the YUV color 135.7420, -41.7778, 100.2043 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 135.7420, -41.7778, 100.2043 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 135.7420, -41.7778, 100.2043 Background



This preview shows how black text looks on a background with the YUV color 135.7420, -41.7778, 100.2043.



This preview shows how white text looks on a background with the YUV color 135.7420, -41.7778, 100.2043.

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

135.7420, -41.7778, 100.2043

Protanopia

141.6640, -37.3024, 17.8347

Deuteranopia

140.6420, -50.6025, 37.1480



Tritanopia

138.3070, -21.8434, 99.7088

Trichromacy



Original Color

135.7420, -41.7778, 100.2043

Protanomaly

139.5090, -38.7049, 47.7886

Deuteranomaly

138.9960, -47.3260, 59.6395

Tritanomaly

137.3580, -29.2635, 99.6640

Monochromacy



Original Color

135.7420, -41.7778, 100.2043

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9200, -15.2436, 36.0272

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.7420, -41.7778, 100.2043 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(250, 94, 51)` looks like.

```
.text, #text, p{  
    color:rgb(250, 94, 51)  
}
```

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(250, 94, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 94, 51) }
```

Border

The CSS property to change the border of an element to YUV 135.7420, -41.7778, 100.2043 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(250, 94, 51) }
```


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

```
.border{ border-color:rgb(250, 94, 51) }
```

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

Here you see how a box with a 4 pixel rgb(250, 94, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 94, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 94, 51);  
box-shadow:4px 4px 4px 4px rgb(250, 94,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 135.7420, -41.7778, 100.2043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 94, 51) }
```

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

```
.background{ background-color: rgb(250, 94,  
51) }
```

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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