

Converting Colors

YUV(75.3260, -37.1357,
151.4351)

Have a look what the booklet for
YUV(75.3260, -37.1357, 151.4351)
contains.

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Color

**YUV(75.3260, -37.1357,
151.4351)**

Conversions

Conversions Part 1

Format	Color
Hex	F80200
RGB	248, 2, 0
RGB Percent	97%, 1%, 0%
CMY	0.0275, 0.9922, 1.0000
CMYK	0.00, 0.99, 1.00, 0.03
HSL	0°, 100%, 49%
HSV	0°, 100%, 97%
XYZ	38.7331, 19.9999, 1.8189
YIQ	75.3260, 147.2580, 51.5300

Conversions

Conversions Part 2

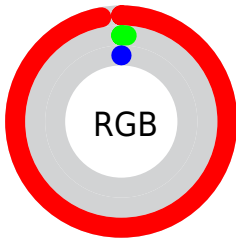
Format	Color
R_{YB}	248, 2, 0
Decimal	16253440
CIE Lab	51.84, 78.29, 65.83
CIE LCh	52, 102.295, 40.059
Yxy	19.9999, 0.6397, 0.3303
Android (android.graphics.Color)	4294443520 (0xFFFF80200)
YUV	75.3260, -37.1357, 151.4351
Hunter-Lab	44.7212, 76.3370, 28.8934

Details

The YUV color **75.3260, -37.1357, 151.4351** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **172.6740, 37.1357, -151.4351**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6220, -39.7466, 102.0635**, and **54.1190, -26.6807, 111.2746** is the 20% darker color. If you saturate the color by 10%, you get **75.3260, -37.1357, 151.4351**, and if you desaturate by 10%, it is **92.8510, -33.4505, 136.0657**.

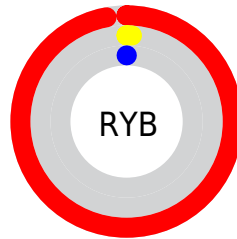
Distribution



Red (97%)

Green (1%)

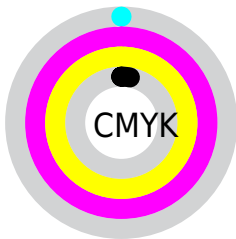
Blue (0%)



Red (97%)

Yellow (1%)

Blue (0%)

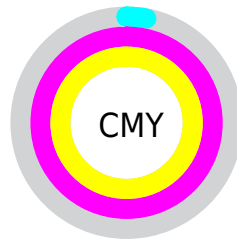


Cyan (0%)

Magenta (99%)

Yellow (100%)

Black (3%)



Cyan (3%)


Magenta (99%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 75.3260, -37.1357, 151.4351 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 75.3260, -37.1357, 151.4351 by changing the saturation by 10% instead.


 75.3260, -37.1357,
151.4351


 75.3260, -37.1357,
151.4351


 254.0880, -3.4944,
0.7998


 63.9860, -31.5451,
131.5623


 138.6220,
-39.7466, 102.0635


 54.1190, -26.6807,
111.2746


 160.2560,
-38.0872, 83.0905


 43.9530, -21.6688,
90.3722


 180.8300,
-35.4122, 65.0471

 34.6130, -16.0782,
70.4994

 201.4040,
-32.7372, 47.0037

 25.5720, -10.6350,
51.2414

 222.2060,
-29.1886, 28.7603

 15.7760, -6.7916,
31.7684


 243.4810,


 0.0000, 0.0000,


-26.3661, 10.1022


0.0000


 250.8960,
-15.7247, 3.5992


 75.3260, -37.1357,
151.4351

 92.8510, -33.4505,
136.0657

 109.7890,
-29.4760, 121.2110

 127.2000,
-26.2276, 105.9416

 144.1380,
-22.2530, 91.0870

 161.6630,
-18.5679, 75.7175

■ 179.1880,
-14.8827, 60.3481

■ 196.1260,
-10.9081, 45.4935

■ 213.5370, -7.6597,
30.2241

■ 230.4750, -3.6852,
15.3694

Harmonies

Analogous

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



87.5310, 5.6542, 146.8703



75.3260, -37.1357, 151.4351



115.2550, -56.8207, 71.6904

Triad

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



75.3260, -37.1357, 151.4351



97.0100, -19.2319, -85.0778



103.6190, 74.6308, -90.8739

Complementary

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



75.3260, -37.1357, 151.4351



172.6740, 37.1357, -151.4351

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.



117.1200, 67.9748, -102.7142



75.3260, -37.1357, 151.4351



109.4870, 20.9589, -96.0201

Square

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



75.3260, -37.1357, 151.4351



86.2890, -42.5405, -75.6755



119.0630, 57.6499, -104.4183



121.1900, 65.9683, 27.8974

Rectangle

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



75.3260, -37.1357, 151.4351



116.1760, -57.2748, 30.5406



119.0630, 57.6499, -104.4183



109.4890, 71.7369, -96.0219

Sweetspot

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



75.3260, -37.1357, 151.4351



201.7240, -11.2029, 46.7231



102.4240, 71.7690, 127.6702



95.7540, -6.7807, 28.2797



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.



75.3260, -37.1357, 151.4351



77.4190, -38.1676, 155.7385



146.9400, -72.4414, 88.6296



116.4740, -2.2057, 7.4773



57.6850, -28.4387, 115.1633



18.2390, -8.9918, 37.5014

Inverse Universe

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



172.6740, 37.1357, -151.4351



177.5810, 38.1676, -155.7385



101.0600, 72.4414, -88.6296



121.1130, 1.9163, -7.9921



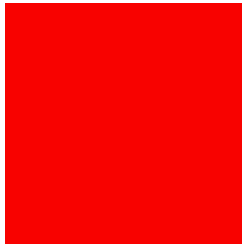
131.3150, 28.4387, -115.1633



42.7610, 8.9918, -37.5014

Previews

White Background



This preview shows how the YUV color 75.3260, -37.1357, 151.4351 looks on a white background.

Color Contrast Check

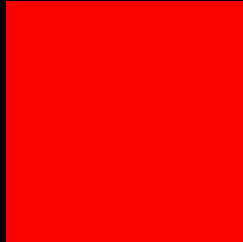
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.3260, -37.1357, 151.4351 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 75.3260, -37.1357, 151.4351 Background



This preview shows how black text looks on a background with the YUV color 75.3260, -37.1357, 151.4351.



This preview shows how white text looks on a background with the YUV color 75.3260, -37.1357,

151.4351.

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

75.3260, -37.1357, 151.4351

Protanopia

119.1820, -42.9807, 19.1344

Deuteranopia

117.0950, -57.7278, 35.8737



Tritanopia

87.0550, -42.9181, 139.3948

Trichromacy



Original Color

75.3260, -37.1357, 151.4351

Protanomaly

103.0600, -40.9486, 67.4764

Deuteranomaly

101.7210, -50.1485, 78.2977

Tritanomaly

82.6580, -40.7504, 144.1279

Monochromacy



Original Color

75.3260, -37.1357, 151.4351

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.9100, -13.2666, 55.3299

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.3260, -37.1357, 151.4351 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(248, 2, 0)` looks like.

```
.text, #text, p{  
    color:rgb(248, 2, 0)  
}
```

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(248, 2, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 2, 0) }
```

Border

The CSS property to change the border of an element to YUV 75.3260, -37.1357, 151.4351 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(248, 2, 0) }
```


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

```
.border{ border-color:rgb(248, 2, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 2, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 2, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(248, 2, 0); box-shadow:4px  
4px 4px 4px rgb(248, 2, 0) }
```

Background

The CSS property to change the background color of an element to YUV 75.3260, -37.1357, 151.4351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 2, 0) }
```

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

```
.background{ background-color: rgb(248, 2,  
0) }
```

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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