

Converting Colors

YUV(79.7990, -37.8619,
151.0203)

Have a look what the booklet for
YUV(79.7990, -37.8619, 151.0203)
contains.

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Color

**YUV(79.7990, -37.8619,
151.0203)**

Conversions

Conversions Part 1

Format	Color
Hex	FC0703
RGB	252, 7, 3
RGB Percent	99%, 3%, 1%
CMY	0.0118, 0.9725, 0.9882
CMYK	0.00, 0.97, 0.99, 0.01
HSL	1°, 98%, 50%
HSV	1°, 99%, 99%
XYZ	40.2373, 20.8540, 1.9906
YIQ	79.7990, 147.3040, 50.6960

Conversions

Conversions Part 2

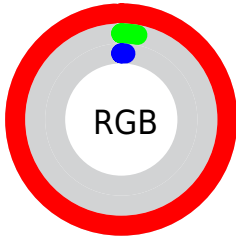
Format	Color
RYB	252, 7, 3
Decimal	16516867
CIELab	52.79, 78.93, 65.91
CIElCh	53, 102.832, 39.866
Yxy	20.8540, 0.6379, 0.3306
Android (android.graphics.Color)	4294706947 (0xFFFC0703)
YUV	79.7990, -37.8619, 151.0203
Hunter-Lab	45.6662, 77.3639, 29.3818

Details

The YUV color **79.7990, -37.8619, 151.0203** 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 **175.2010, 37.8619, -151.0203**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0240, -39.4518, 100.8340**, and **55.0160, -27.1229, 113.1190** is the 20% darker color. If you saturate the color by 10%, you get **77.6960, -38.3041, 152.8646**, and if you desaturate by 10%, it is **97.3240, -34.1767, 135.6509**.

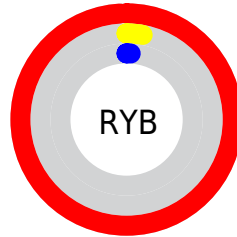
Distribution



Red (99%)

Green (3%)

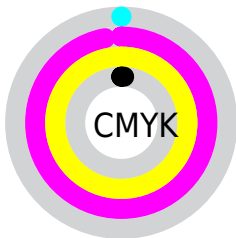
Blue (1%)



Red (99%)

Yellow (3%)

Blue (1%)

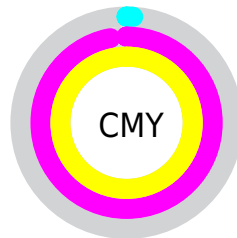


Cyan (0%)

Magenta (97%)

Yellow (99%)

Black (1%)



Cyan (1%)


Magenta (97%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the YUV color 79.7990, -37.8619, 151.0203 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 79.7990, -37.8619, 151.0203 by changing the saturation by 10% instead.


 79.7990, -37.8619,
151.0203


 79.7990, -37.8619,
151.0203


 254.4300, -2.1840,
0.4999


 65.1820, -32.1347,
134.0214


 140.0240,
-39.4518, 100.8340


 55.0160, -27.1229,
113.1190


 161.1850,
-37.0662, 82.2758


 45.1490, -22.2585,
92.8313


 182.2320,
-35.1174, 63.8175

 35.3960, -16.9572,
72.4437

 202.9200,
-32.0056, 45.6742

 26.4690, -11.0772,
53.0857

 223.6080,
-28.8937, 27.5308


 16.9720, -7.3812,
34.2276

 244.9970,


 3.5880, -1.7689,


-25.6345, 8.7726


7.3773


 251.1240,
-14.8511, 3.3993

 0.0000, 0.0000,
0.0000


 79.7990, -37.8619,
151.0203


 79.7990, -37.8619,
151.0203

 77.6960, -38.3041,
152.8646

 97.3240, -34.1767,
135.6509

 114.8490,
-30.4916, 120.2814

 131.9010,
-26.0802, 105.3268

 149.4260,
-22.3950, 89.9574

 166.9510,
-18.7098, 74.5880

■ 184.4760,
-15.0247, 59.2185

■ 202.0010,
-11.3395, 43.8491

■ 219.0530, -6.9281,
28.8945

■ 236.5780, -3.2430,
13.5251

Harmonies

Analogous

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



87.8730, 6.9646, 146.5704



79.7990, -37.8619, 151.0203



117.3260, -57.8417, 72.5051

Triad

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



79.7990, -37.8619, 151.0203



98.8850, -19.6633, -86.7221



105.3800, 73.7627, -92.4183

Complementary

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



79.7990, -37.8619, 151.0203



175.2010, 37.8619, -151.0203

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.



118.8810, 67.1067, -104.2586



79.7990, -37.8619, 151.0203



111.4760, 20.9643, -97.7645

Square

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



79.7990, -37.8619, 151.0203



87.4630, -43.1193, -76.7051



121.1660, 58.0922, -106.2626



123.5490, 64.8053, 27.5825

Rectangle

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



79.7990, -37.8619, 151.0203



118.2470, -58.2958, 31.3554



121.1660, 58.0922, -106.2626



111.2500, 70.8688, -97.5662

Sweetspot

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



79.7990, -37.8619, 151.0203



202.3110, -11.4923, 46.2083



105.8370, 72.0584, 128.1850



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.



79.7990, -37.8619, 151.0203



78.5930, -38.7463, 154.7089



150.8260, -72.8782, 88.7296



116.4740, -2.2057, 7.4773



58.2720, -28.7281, 114.6485



18.8260, -9.2812, 36.9866

Inverse Universe

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



175.2010, 37.8619, -151.0203



176.4070, 38.7463, -154.7089



104.7610, 72.5888, -89.2444



121.1130, 1.9163, -7.9921



130.7280, 28.7281, -114.6485



42.1740, 9.2812, -36.9866

Previews

White Background



This preview shows how the YUV color 79.7990, -37.8619, 151.0203 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



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 79.7990, -37.8619, 151.0203

Background



This preview shows how black text looks on a background with the YUV color 79.7990, -37.8619, 151.0203.



This preview shows how white text looks on a background with the YUV color 79.7990, -37.8619,

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

79.7990, -37.8619, 151.0203

Protanopia

121.0680, -43.4175, 19.2344

Deuteranopia

118.8670, -58.6014, 36.0736



Tritanopia

88.2510, -43.5077, 141.8539

Trichromacy



Original Color

79.7990, -37.8619, 151.0203

Protanomaly

105.9460, -41.3854, 67.5764

Deuteranomaly

104.7810, -51.1640, 77.3681

Tritanomaly

85.1420, -41.4820, 145.4575

Monochromacy



Original Color

79.7990, -37.8619, 151.0203

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.7960, -13.7034, 55.4299

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.7990, -37.8619, 151.0203 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(252, 7, 3)` looks like.

```
.text, #text, p{  
    color:rgb(252, 7, 3)  
}
```

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(252, 7, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 7, 3) }
```

Border

The CSS property to change the border of an element to YUV 79.7990, -37.8619, 151.0203 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(252, 7, 3) }
```


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

```
.border{ border-color:rgb(252, 7, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 7, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 7, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(252, 7, 3); box-shadow:4px  
4px 4px 4px rgb(252, 7, 3) }
```

Background

The CSS property to change the background color of an element to YUV 79.7990, -37.8619, 151.0203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 7, 3) }
```

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

```
.background{ background-color: rgb(252, 7,  
3) }
```

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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