

Converting Colors

YUV(80.5820, -38.7409,
152.9646)

Have a look what the booklet for
YUV(80.5820, -38.7409, 152.9646)
contains.

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Color

**YUV(80.5820, -38.7409,
152.9646)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0702
RGB	255, 7, 2
RGB Percent	100%, 3%, 1%
CMY	0.0000, 0.9725, 0.9922
CMYK	0.00, 0.97, 0.99, 0.00
HSL	1°, 100%, 50%
HSV	1°, 99%, 100%
XYZ	41.3269, 21.4163, 2.0130
YIQ	80.5820, 149.4130, 51.0210

Conversions

Conversions Part 2

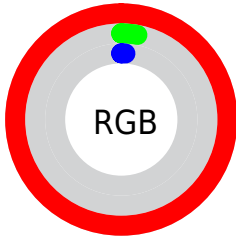
Format	Color
RYB	255, 7, 2
Decimal	16713474
CIELab	53.40, 79.65, 66.77
CIELCh	53, 103.934, 39.976
Yxy	21.4163, 0.6382, 0.3307
Android (android.graphics.Color)	4294903554 (0xFFFF0702)
YUV	80.5820, -38.7409, 152.9646
Hunter-Lab	46.2778, 78.4177, 29.8154

Details

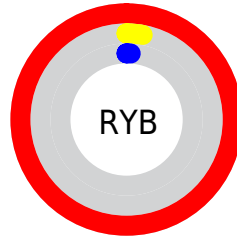
The YUV color **80.5820, -38.7409, 152.9646** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **176.4180, 38.7409, -152.9646**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.6110, -39.7412, 100.3192**, and **55.9130, -27.5651, 114.9633** is the 20% darker color. If you saturate the color by 10%, you get **79.1800, -39.0357, 154.1941**, and if you desaturate by 10%, it is **98.1070, -35.0558, 137.5952**.

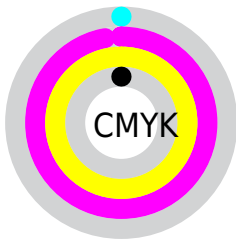
Distribution



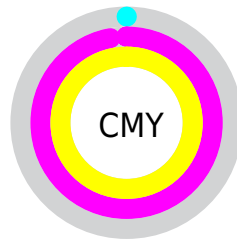
- Red (100%)
- Green (3%)
- Blue (1%)



- Red (100%)
- Yellow (3%)
- Blue (1%)



- Cyan (0%)
- Magenta (97%)
- Yellow (99%)
- Black (0%)





- Cyan (0%)
- Magenta (97%)
- Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the YUV color 80.5820, -38.7409, 152.9646 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 80.5820, -38.7409, 152.9646 by changing the saturation by 10% instead.


 80.5820, -38.7409,
152.9646


 80.5820, -38.7409,
152.9646


 254.4300, -2.1840,
0.4999


 66.0790, -32.5769,
135.8657


 140.6110,
-39.7412, 100.3192


 55.9130, -27.5651,
114.9633


 161.6580,
-37.7924, 81.8609


 46.0460, -22.7007,
94.6757


 182.8190,
-35.4068, 63.3027

 36.2930, -17.3994,
74.2880

 203.5070,
-32.2950, 45.1594

 27.3660, -11.5194,
54.9300

 224.1950,
-29.1831, 27.0160


 17.5700, -7.6760,
35.4571


 245.5840,


 5.6810, -2.8007,


-25.9239, 8.2578


11.6808


 251.1240,
-14.8511, 3.3993

 0.0000, 0.0000,
0.0000


 80.5820, -38.7409,
152.9646


 80.5820, -38.7409,
152.9646

 79.1800, -39.0357,
154.1941

 98.1070, -35.0558,
137.5952

 115.7460,
-30.9338, 122.1258

 133.3850,
-26.8118, 106.6564

 150.9100,
-23.1266, 91.2869

 168.5490,
-19.0047, 75.8175

■ 186.0740,
-15.3195, 60.4481

■ 203.5990,
-11.6343, 45.0787

■ 221.2380, -7.5123,
29.6093

■ 238.8770, -3.3904,
14.1399

Harmonies

Analogous

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



87.9870, 7.4014, 146.4704



80.5820, -38.7409, 152.9646



118.8100, -58.5733, 73.8346

Triad

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



80.5820, -38.7409, 152.9646



100.1730, -19.8053, -87.8517



105.9670, 73.4733, -92.9331

Complementary

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



80.5820, -38.7409, 152.9646



176.4180, 38.7409, -152.9646

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.



119.4680, 66.8173, -104.7734



80.5820, -38.7409, 152.9646



112.9920, 21.6959, -99.0940

Square

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



80.5820, -38.7409, 152.9646



88.6370, -43.6980, -77.7346



122.7960, 59.2606, -107.6921



125.0330, 64.0737, 28.9121

Rectangle

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



80.5820, -38.7409, 152.9646



120.0190, -59.1694, 31.5553



122.7960, 59.2606, -107.6921



111.8370, 70.5794, -98.0810

Sweetspot

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



80.5820, -38.7409, 152.9646



202.3110, -11.4923, 46.2083



106.0330, 71.4687, 130.6441



96.3410, -7.0701, 27.7649



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.



80.5820, -38.7409, 152.9646



79.1800, -39.0357, 154.1941



154.5440, -75.2042, 88.0999



118.8870, -1.9163, 7.9921



59.4570, -29.3123, 115.3632



19.7230, -9.7234, 38.8309

Inverse Universe

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



176.4180, 38.7409, -152.9646



175.8200, 39.0357, -154.1941



102.4560, 75.2042, -88.0999



123.5260, 2.2057, -7.4773



131.5430, 29.3123, -115.3632



43.6900, 10.0128, -38.3161

Previews

White Background



This preview shows how the YUV color 80.5820, -38.7409, 152.9646 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 80.5820, -38.7409, 152.9646

Background



This preview shows how black text looks on a background with the YUV color 80.5820, -38.7409, 152.9646.



This preview shows how white text looks on a background with the YUV color 80.5820, -38.7409,

152.9646.

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

80.5820, -38.7409, 152.9646

Protanopia

122.8400, -44.2911, 19.4343

Deuteranopia

120.0520, -59.1856, 36.7884



Tritanopia

89.7350, -44.2394, 143.1834

Trichromacy



Original Color

80.5820, -38.7409, 152.9646

Protanomaly

107.7180, -42.2590, 67.7763

Deuteranomaly

105.6780, -51.6063, 79.2124

Tritanomaly

86.6260, -42.2136, 146.7870

Monochromacy



Original Color

80.5820, -38.7409, 152.9646

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.6820, -14.1402, 55.5299

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.5820, -38.7409, 152.9646 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, 7, 2)` looks like.

```
.text, #text, p{  
    color:rgb(255, 7, 2)  
}
```

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, 7, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 7, 2) }
```

Border

The CSS property to change the border of an element to YUV 80.5820, -38.7409, 152.9646 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, 7, 2) }
```


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

```
.border{ border-color:rgb(255, 7, 2) }
```

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

Here you see how a box with a 4 pixel rgb(255, 7, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 7, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(255, 7, 2); box-shadow:4px  
4px 4px 4px rgb(255, 7, 2) }
```

Background

The CSS property to change the background color of an element to YUV 80.5820, -38.7409, 152.9646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 7, 2) }
```

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

```
.background{ background-color: rgb(255, 7,  
2) }
```

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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