

Converting Colors

YUV(79.7750, -38.3431,
118.5923)

Have a look what the booklet for
YUV(79.7750, -38.3431, 118.5923)
contains.

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Color

**YUV(79.7750, -38.3431,
118.5923)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D71A02 |
| RGB | 215, 26, 2 |
| RGB Percent | 84%, 10%, 1% |
| CMY | 0.1569, 0.8980, 0.9922 |
| CMYK | 0.00, 0.88, 0.99, 0.16 |
| HSL | 7°, 98%, 43% |
| HSV | 7°, 99%, 84% |
| XYZ | 28.4047, 15.1902, 1.4923 |
| YIQ | 79.7750, 120.3480, 32.6040 |

Conversions

Conversions Part 2

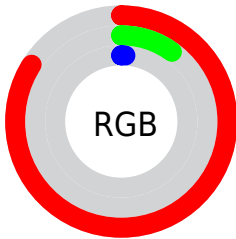
| Format | Color |
|-------------------------------------|--|
| RYB | 215, 29, 2 |
| Decimal | 14096898 |
| CIELab | 45.89, 67.50, 58.85 |
| CIElCh | 46, 89.556, 41.082 |
| Yxy | 15.1902, 0.6300, 0.3369 |
| Android (android.graphics.Color) | 4292286978 (0xFFD71A02) |
| YUV | 79.7750, -38.3431, 118.5923 |
| Hunter-Lab | 38.9747, 61.8849, 25.0120 |

Details

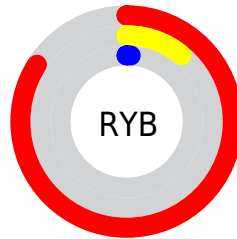
The YUV color **79.7750, -38.3431, 118.5923** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **137.2250, 38.3431, -118.5923**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.3940, -40.6202, 102.2635**, and **44.8500, -22.1110, 92.2166** is the 20% darker color. If you saturate the color by 10%, you get **78.3730, -38.6379, 119.8219**, and if you desaturate by 10%, it is **93.4360, -34.2319, 106.6116**.

Distribution



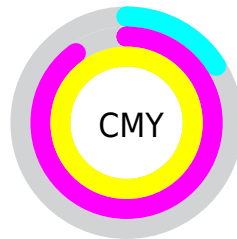
- Red (84%)
- Green (10%)
- Blue (1%)



- Red (84%)
- Yellow (11%)
- Blue (1%)



- Cyan (0%)
- Magenta (88%)
- Yellow (99%)
- Black (16%)





- Cyan (16%)
- Magenta (90%)
- Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the YUV color 79.7750, -38.3431, 118.5923 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 79.7750, -38.3431, 118.5923 by changing the saturation by 10% instead.


 79.7750, -38.3431,
118.5923

 79.7750, -38.3431,
118.5923


 253.7460, -4.8048,
1.0998

 54.4180, -26.8281,
111.8894


 138.3940,
-40.6202, 102.2635

 44.8500, -22.1110,
92.2166


 158.8540,
-38.3820, 84.3200


 35.2820, -17.3940,
72.5437


 178.8410,
-35.4176, 66.7914

 26.2410, -11.9508,
53.2856

 198.8280,
-32.4532, 49.2628

 17.2710, -7.5286,
34.8423

 218.9290,
-29.0520, 31.6343


 4.7840, -2.3585,
9.8364


 239.6170,


 0.0000, 0.0000,


-25.9402, 13.4909


0.0000

 250.4400,
-17.4719, 3.9991

 79.7750, -38.3431,
118.5923


 79.7750, -38.3431,
118.5923


 78.3730, -38.6379,
119.8219

 93.4360, -34.2319,
106.6116

 106.9830,
-30.5576, 94.7309

 120.6440,
-26.4465, 82.7502

 134.1910,
-22.7722, 70.8695

 147.8520,
-18.6610, 58.8888

■ 161.3990,
-14.9867, 47.0081

■ 175.6470,
-11.1650, 34.5126

■ 189.1940, -7.4906,
22.6319

■ 202.8550, -3.3795,
10.6512

Harmonies

Analogous

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



79.3570, 2.7820, 134.7449



79.7750, -38.3431, 118.5923



101.8990, -50.2362, 59.7246

Triad

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



79.7750, -38.3431, 118.5923



85.6290, -14.6071, -75.0966



94.2270, 79.2611, -82.6371

Complementary

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



79.7750, -38.3431, 118.5923



137.2250, 38.3431, -118.5923

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.



105.7390, 72.5997, -92.7331



79.7750, -38.3431, 118.5923



96.5100, 19.4686, -84.6393

Square

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



79.7750, -38.3431, 118.5923



75.7230, -37.3314, -66.4091



104.6040, 50.4812, -91.7377



108.1870, 57.0958, 27.0230

Rectangle

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



79.7750, -38.3431, 118.5923



101.9780, -50.2752, 25.4523



104.6040, 50.4812, -91.7377



98.9230, 76.9460, -86.7555

Sweetspot

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



79.7750, -38.3431, 118.5923



206.4200, -13.5181, 42.6047



87.5750, 52.4675, 111.7517



98.6890, -8.2277, 25.7057



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.



79.7750, -38.3431, 118.5923



93.2680, -45.9811, 141.8390



140.8230, -68.4397, 65.0532



100.4630, -2.2003, 5.7329



62.2820, -30.7050, 95.3457



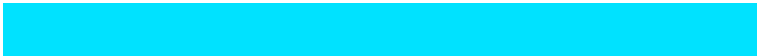
15.7920, -7.7855, 23.8614

Inverse Universe

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



137.2250, 38.3431, -118.5923



161.7320, 45.9811, -141.8390



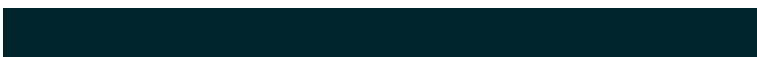
76.1770, 68.4397, -65.0532



103.1240, 1.9109, -6.2477



108.7180, 30.7050, -95.3457



27.2080, 7.7855, -23.8614

Previews

White Background



This preview shows how the YUV color 79.7750, -38.3431, 118.5923 looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 79.7750, -38.3431, 118.5923

Background



This preview shows how black text looks on a background with the YUV color 79.7750, -38.3431, 118.5923.



This preview shows how white text looks on a background with the YUV color 79.7750, -38.3431,

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

79.7750, -38.3431, 118.5923

Protanopia

104.7240, -38.3179, 16.9051

Deuteranopia

102.6090, -50.5862, 31.9149



Tritanopia

81.1260, -30.6281, 117.4075

Trichromacy



Original Color

79.7750, -38.3431, 118.5923

Protanomaly

95.3680, -38.1424, 54.0513

Deuteranomaly

94.6590, -46.1739, 63.4431

Tritanomaly

80.4420, -33.2489, 118.0074

Monochromacy



Original Color

79.7750, -38.3431, 118.5923

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.7190, -13.6655, 43.2194

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.7750, -38.3431, 118.5923 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(215, 26, 2)` looks like.

```
.text, #text, p{  
    color:rgb(215, 26, 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(215, 26, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 26, 2) }
```

Border

The CSS property to change the border of an element to YUV 79.7750, -38.3431, 118.5923 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(215, 26, 2) }
```


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

```
.border{ border-color:rgb(215, 26, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 26, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 26, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 26, 2);  
box-shadow:4px 4px 4px 4px rgb(215, 26, 2)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.7750, -38.3431, 118.5923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 26, 2) }
```

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

```
.background{ background-color: rgb(215, 26,  
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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