

Converting Colors

YUV(79.7650, -13.1951,
79.1361)

Have a look what the booklet for
YUV(79.7650, -13.1951, 79.1361)
contains.

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Color

**YUV(79.7650, -13.1951,
79.1361)**

Conversions

Conversions Part 1

Format	Color
Hex	AA2735
RGB	170, 39, 53
RGB Percent	67%, 15%, 21%
CMY	0.3333, 0.8471, 0.7922
CMYK	0.00, 0.77, 0.69, 0.33
HSL	354°, 63%, 41%
HSV	354°, 77%, 67%
XYZ	17.9457, 10.2541, 4.4016
YIQ	79.7650, 73.5820, 32.1260

Conversions

Conversions Part 2

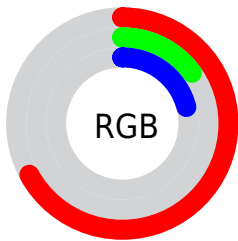
Format	Color
R _Y B	170, 39, 53
Decimal	11151157
CIE Lab	38.29, 52.81, 24.97
CIE LCh	38, 58.420, 25.306
Yxy	10.2541, 0.5505, 0.3145
Android (android.graphics.Color)	4289341237 (0xFFAA2735)
YUV	79.7650, -13.1951, 79.1361
Hunter-Lab	32.0221, 43.9957, 14.2658

Details

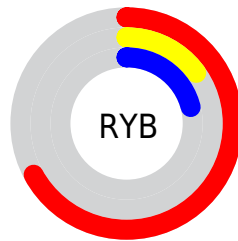
The YUV color **79.7650, -13.1951, 79.1361** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **129.2350, 13.1951, -79.1361**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.8210, -18.1528, 82.5950**, and **34.0300, -11.8468, 66.6257** is the 20% darker color. If you saturate the color by 10%, you get **68.0760, -14.8275, 89.3873**, and if you desaturate by 10%, it is **91.4540, -11.5628, 68.8848**.

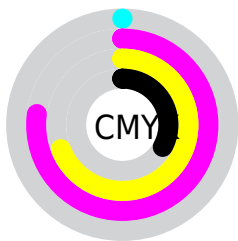
Distribution



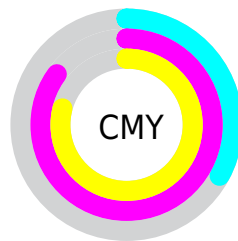
- Red (67%)
- Green (15%)
- Blue (21%)



- Red (67%)
- Yellow (15%)
- Blue (21%)



- Cyan (0%)
- Magenta (77%)
- Yellow (69%)
- Black (33%)





- Cyan (33%)
- Magenta (85%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YUV color 79.7650, -13.1951, 79.1361 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 79.7650, -13.1951, 79.1361 by changing the saturation by 10% instead.


 79.7650, -13.1951,
79.1361


 79.7650, -13.1951,
79.1361


255.0000, 0.0000,
0.0000

 45.5080, -6.6594,
82.8695


 136.8210,
-18.1528, 82.5950


 34.0300, -11.8468,
66.6257


 162.5820,
-19.0209, 81.0506

 24.2190, -11.9400,
49.7969

 181.9820,
-15.7671, 64.0368

 16.3740, -7.0864,
32.9980

 201.4960,
-12.0765, 46.9230

 1.7940, -0.8844,
3.6887

 221.5970, -8.6753,
29.2944

 0.0000, 0.0000,
0.0000

 241.9260, -4.4005,

11.4659

■ 79.7650, -13.1951,
79.1361

■ 79.7650, -13.1951,
79.1361

■ 68.0760, -14.8275,
89.3873

■ 91.4540, -11.5628,
68.8848

■ 56.3870, -16.4598,
99.6386

■ 103.1430, -9.9305,
58.6336

■ 52.8820, -17.1968,
102.7125

■ 114.9460, -7.8614,
48.2824

■ 126.6350, -6.2291,
38.0311

■ 138.3240, -4.5967,
27.7799

■ 150.0130, -2.9644,
17.5286

■ 161.7020, -1.3321,
7.2773

■ 173.3910, 0.3002,
-2.9739

■ 185.1940, 2.3694,
-13.3251

Harmonies

Analogous

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



79.8290, 9.9443, 77.3260



79.7650, -13.1951, 79.1361



83.3470, -39.6111, 58.4547

Triad

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



79.7650, -13.1951, 79.1361



66.3430, -17.4241, -58.1828



78.6160, 52.4473, -68.9462

Complementary

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



79.7650, -13.1951, 79.1361



129.2350, 13.1951, -79.1361

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.



82.5480, 42.1278, -72.3946



79.7650, -13.1951, 79.1361



73.8040, 3.5476, -64.7261

Square

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



79.7650, -13.1951, 79.1361



79.3420, -39.1156, -7.3159



79.9770, 24.6613, -70.1398



88.0570, 43.8489, -17.5900

Rectangle

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



79.7650, -13.1951, 79.1361



84.9440, -41.8774, 38.6371



79.9770, 24.6613, -70.1398



80.6220, 49.9794, -70.7055

Sweetspot

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



79.7650, -13.1951, 79.1361



186.8190, -5.3338, 30.8537



88.6180, 40.1213, 58.2170



90.6110, -3.2592, 18.7582



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7650, -13.1951, 79.1361



81.5040, -20.4615, 123.2150



107.5190, -33.7799, 54.7958



78.5060, -0.7425, 4.8182



46.0760, -14.8275, 89.3873



6.2080, -2.0745, 12.0956

Inverse Universe

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



79.7650, -13.1951, 79.1361



81.5040, -20.4615, 123.2150



101.4810, 33.7799, -54.7958



78.5060, -0.7425, 4.8182



46.0760, -14.8275, 89.3873



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 79.7650, -13.1951, 79.1361 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



This preview shows how the YUV color 79.7650, -13.1951, 79.1361 looks on a 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 79.7650, -13.1951, 79.1361

Background



This preview shows how black text looks on a background with the YUV color 79.7650, -13.1951, 79.1361.

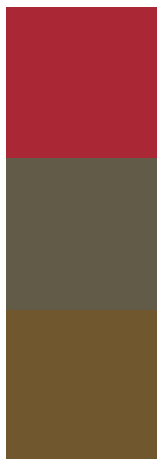


This preview shows how white text looks on a background with the YUV color 79.7650, -13.1951,

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

79.7650, -13.1951, 79.1361

Protanopia

90.6280, -9.1836, 5.5882

Deuteranopia

89.8010, -21.5939, 19.4685



Tritanopia

79.6850, -18.5787, 79.2063

Trichromacy



Original Color

79.7650, -13.1951, 79.1361

Protanomaly

86.7500, -10.7227, 32.6683

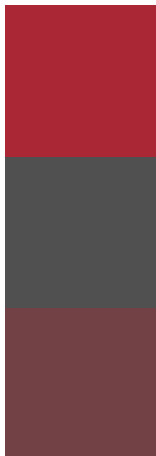
Deuteranomaly

86.4430, -18.4594, 40.8305

Tritanomaly

79.5540, -16.5421, 79.3211

Monochromacy



Original Color

79.7650, -13.1951, 79.1361

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9220, -4.8915, 29.0094

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.7650, -13.1951, 79.1361 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(170, 39, 53)` looks like.

```
.text, #text, p{  
    color:rgb(170, 39, 53)  
}
```

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(170, 39, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 39, 53) }
```

Border

The CSS property to change the border of an element to YUV 79.7650, -13.1951, 79.1361 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(170, 39, 53) }
```


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

```
.border{ border-color:rgb(170, 39, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 39, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 39, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 39, 53);  
box-shadow:4px 4px 4px 4px rgb(170, 39,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 79.7650, -13.1951, 79.1361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 39, 53) }
```

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

```
.background{ background-color: rgb(170, 39,  
53) }
```

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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