

Converting Colors

YUV(74.5380, -15.5482,
87.2282)

Have a look what the booklet for
YUV(74.5380, -15.5482, 87.2282)
contains.

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Color

**YUV(74.5380, -15.5482,
87.2282)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AE1E2B |
| RGB | 174, 30, 43 |
| RGB Percent | 68%, 12%, 17% |
| CMY | 0.3176, 0.8824, 0.8314 |
| CMYK | 0.00, 0.83, 0.75, 0.32 |
| HSL | 355°, 71%, 40% |
| HSV | 355°, 83%, 68% |
| XYZ | 18.3559, 10.1016, 3.2678 |
| YIQ | 74.5380, 81.6510, 34.5710 |

Conversions

Conversions Part 2

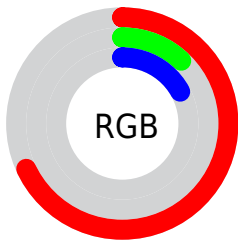
| Format | Color |
|-------------------------------------|--------------------------------------------|
| RYB | 174, 30, 43 |
| Decimal | 11410987 |
| CIELab | 38.02, 56.15, 30.99 |
| CIElCh | 38, 64.134, 28.897 |
| Yxy | 10.1016, 0.5786, 0.3184 |
| Android (android.graphics.Color) | 4289601067 (0xFFAE1E2B) |
| YUV | 74.5380, -15.5482, 87.2282 |
| Hunter-Lab | 31.7831, 47.4699, 16.1521 |

Details

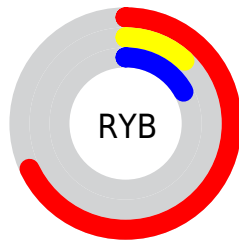
The YUV color **74.5380, -15.5482, 87.2282** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **129.4620, 15.5482, -87.2282**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.5400, -21.9582, 89.8574**, and **34.0860, -16.8044, 70.0846** is the 20% darker color. If you saturate the color by 10%, you get **62.7350, -17.6174, 97.5794**, and if you desaturate by 10%, it is **86.3410, -13.4791, 76.8769**.

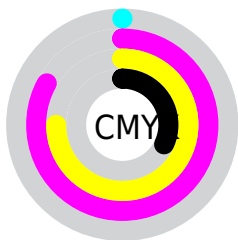
Distribution



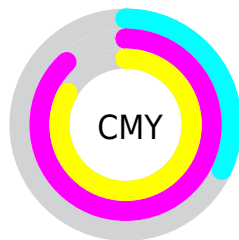
- Red (68%)
- Green (12%)
- Blue (17%)



- Red (68%)
- Yellow (12%)
- Blue (17%)



- Cyan (0%)
- Magenta (83%)
- Yellow (75%)
- Black (32%)





- Cyan (32%)
- Magenta (88%)
- Yellow (83%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 74.5380, -15.5482, 87.2282 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 74.5380, -15.5482, 87.2282 by changing the saturation by 10% instead.


 74.5380, -15.5482,
87.2282

 74.5380, -15.5482,
87.2282


255.0000, 0.0000,
0.0000

 45.2650, -11.4696,
85.7136


 133.5400,
-21.9582, 89.8574


 34.0860, -16.8044,
70.0846


 158.3930,
-22.3787, 84.7243


 24.8170, -12.2348,
51.0265

 177.7930,
-19.1249, 67.7105

 16.9720, -7.3812,
34.2276

 197.1930,
-15.8711, 50.6967

 3.5880, -1.7689,
7.3773

 217.2940,
-12.4699, 33.0682

 0.0000, 0.0000,
0.0000

 237.5090, -8.6319,

15.3396

254.3160, -2.6208,
0.5999

■ 74.5380, -15.5482,
87.2282

■ 74.5380, -15.5482,
87.2282

■ 62.7350, -17.6174,
97.5794

■ 86.3410, -13.4791,
76.8769

■ 53.8500, -18.6600,
105.3715

■ 98.7310, -11.6994,
66.0109

■ 110.4200,
-10.0671, 55.7597

■ 122.8100, -8.2873,
44.8936

■ 134.6130, -6.2182,
34.5424

■ 146.4160, -4.1491,
24.1912

■ 158.8060, -2.3694,
13.3251

■ 170.6090, -0.3002,
2.9739

■ 182.8850, 1.0427,
-7.7921

Harmonies

Analogous

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



65.6880, 13.9578, 96.7436



74.5380, -15.5482, 87.2282



82.4180, -40.6321, 59.2694

Triad

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



74.5380, -15.5482, 87.2282



66.8160, -18.1503, -58.5976



79.1690, 57.1047, -69.4312

Complementary

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



74.5380, -15.5482, 87.2282



129.4620, 15.5482, -87.2282

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.



83.8020, 46.9326, -73.4944



74.5380, -15.5482, 87.2282



74.9610, 5.4422, -65.7408

Square

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



74.5380, -15.5482, 87.2282



76.9280, -37.9255, -15.7229



81.0030, 28.5925, -71.0396



88.0840, 46.3006, -10.5977

Rectangle

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



74.5380, -15.5482, 87.2282



84.6340, -41.7246, 36.2780



81.0030, 28.5925, -71.0396



81.8760, 54.7841, -71.8053

Sweetspot

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



74.5380, -15.5482, 87.2282



187.6130, -6.2182, 34.5424



85.2860, 43.7360, 65.5242



90.8070, -3.8489, 21.2173



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



74.5380, -15.5482, 87.2282



71.6690, -23.9938, 136.2253



107.1020, -38.0113, 58.6695



80.8050, -0.8899, 5.4330



46.4460, -15.9959, 90.8169



7.1050, -2.5168, 13.9399

Inverse Universe

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



74.5380, -15.5482, 87.2282



71.6690, -23.9938, 136.2253



96.8980, 38.0113, -58.6695



80.8050, -0.8899, 5.4330



46.4460, -15.9959, 90.8169



7.1050, -2.5168, 13.9399

Previews

White Background



This preview shows how the YUV color 74.5380, -15.5482, 87.2282 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 74.5380, -15.5482, 87.2282 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 74.5380, -15.5482, 87.2282

Background



This preview shows how black text looks on a background with the YUV color 74.5380, -15.5482, 87.2282.



This preview shows how white text looks on a background with the YUV color 74.5380, -15.5482,

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

74.5380, -15.5482, 87.2282

Protanopia

89.7870, -13.6990, 7.2028

Deuteranopia

88.1450, -26.6935, 21.7978



Tritanopia

74.4580, -20.9318, 87.2983

Trichromacy



Original Color

74.5380, -15.5482, 87.2282

Protanomaly

84.4470, -14.5174, 36.4420

Deuteranomaly

83.3250, -22.8382, 45.3190

Tritanomaly

74.3270, -18.8952, 87.4132

Monochromacy



Original Color

74.5380, -15.5482, 87.2282

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.0040, -5.9180, 31.5685

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.5380, -15.5482, 87.2282 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(174, 30, 43)` looks like.

```
.text, #text, p{  
    color:rgb(174, 30, 43)  
}
```

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(174, 30, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 30, 43) }
```

Border

The CSS property to change the border of an element to YUV 74.5380, -15.5482, 87.2282 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(174, 30, 43) }
```


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

```
.border{ border-color:rgb(174, 30, 43) }
```

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

Here you see how a box with a 4 pixel rgb(174, 30, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 30, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 30, 43);  
box-shadow:4px 4px 4px 4px rgb(174, 30,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 74.5380, -15.5482, 87.2282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 30, 43) }
```

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

```
.background{ background-color: rgb(174, 30,  
43) }
```

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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