

Converting Colors

YUV(76.8150, -15.6848,
84.3542)

Have a look what the booklet for
YUV(76.8150, -15.6848, 84.3542)
contains.

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Color

**YUV(76.8150, -15.6848,
84.3542)**

Conversions

Conversions Part 1

Format	Color
Hex	AD222D
RGB	173, 34, 45
RGB Percent	68%, 13%, 18%
CMY	0.3216, 0.8667, 0.8235
CMYK	0.00, 0.80, 0.74, 0.32
HSL	355°, 67%, 41%
HSV	355°, 80%, 68%
XYZ	18.2793, 10.2178, 3.4914
YIQ	76.8150, 79.3130, 32.8890

Conversions

Conversions Part 2

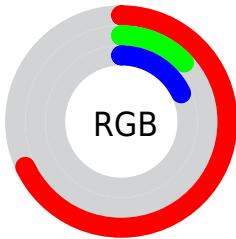
Format	Color
RYB	173, 34, 45
Decimal	11346477
CIELab	38.23, 54.86, 29.96
CIElCh	38, 62.506, 28.642
Yxy	10.2178, 0.5714, 0.3194
Android (android.graphics.Color)	4289536557 (0xFFAD222D)
YUV	76.8150, -15.6848, 84.3542
Hunter-Lab	31.9652, 46.1358, 15.8997

Details

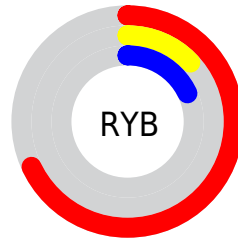
The YUV color **76.8150, -15.6848, 84.3542** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **130.1850, 15.6848, -84.3542**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.2300, -21.8054, 87.4983**, and **33.7870, -16.6570, 69.4698** is the 20% darker color. If you saturate the color by 10%, you get **65.0120, -17.7539, 94.7055**, and if you desaturate by 10%, it is **88.6180, -13.6157, 74.0030**.

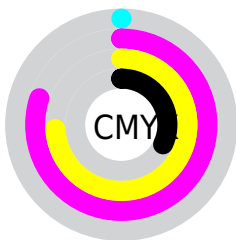
Distribution



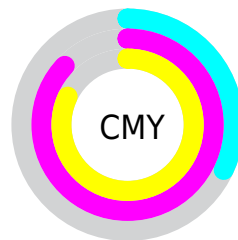
- Red (68%)
- Green (13%)
- Blue (18%)



- Red (68%)
- Yellow (13%)
- Blue (18%)



- Cyan (0%)
- Magenta (80%)
- Yellow (74%)
- Black (32%)





- Cyan (32%)
- Magenta (87%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YUV color 76.8150, -15.6848, 84.3542 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 76.8150, -15.6848, 84.3542 by changing the saturation by 10% instead.


 76.8150, -15.6848,
84.3542

 76.8150, -15.6848,
84.3542


255.0000, 0.0000,
0.0000


 45.4930, -10.5960,
85.5136


 135.2300,
-21.8054, 87.4983


 33.7870, -16.6570,
69.4698


 159.9090,
-21.6471, 83.3948


 24.8170, -12.2348,
51.0265

 179.1950,
-18.8301, 66.4810

 16.6730, -7.2338,
33.6128

 198.7090,
-15.1395, 49.3672

 3.2890, -1.6215,
6.7625

 218.8100,
-11.7383, 31.7386

 0.0000, 0.0000,
0.0000

 239.0250, -7.9003,

14.0101

254.5440, -1.7472,
0.3999

■ 76.8150, -15.6848,
84.3542

■ 76.8150, -15.6848,
84.3542

■ 65.0120, -17.7539,
94.7055

■ 88.6180, -13.6157,
74.0030

■ 53.3230, -19.3862,
104.9567

■ 101.0080,
-11.8359, 63.1370

■ 112.8110, -9.7668,
52.7858

■ 124.6140, -7.6977,
42.4345

■ 136.4170, -5.6286,
32.0833

■ 148.8070, -3.8489,
21.2173

■ 160.6100, -1.7797,
10.8660

■ 172.2990, -0.1474,
0.6148

■ 184.6890, 1.6323,
-10.2513

Harmonies

Analogous

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



71.6610, 11.5061, 89.7513



76.8150, -15.6848, 84.3542



83.0050, -40.9215, 58.7546

Triad

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



76.8150, -15.6848, 84.3542



67.0440, -17.2767, -58.7976



78.9410, 56.2311, -69.2313

Complementary

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



76.8150, -15.6848, 84.3542



130.1850, 15.6848, -84.3542

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.



83.5740, 46.0590, -73.2944



76.8150, -15.6848, 84.3542



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.



76.8150, -15.6848, 84.3542



77.8250, -38.3677, -13.8785



80.8890, 28.1557, -70.9397



88.7420, 44.9902, -10.2977

Rectangle

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



76.8150, -15.6848, 84.3542



85.2210, -42.0140, 35.7632



80.8890, 28.1557, -70.9397



81.5340, 53.4737, -71.5053

Sweetspot

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



76.8150, -15.6848, 84.3542



187.3030, -6.0654, 32.1833



87.8190, 41.9942, 64.1797



89.7960, -3.8434, 19.4729



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.



76.8150, -15.6848, 84.3542



75.2230, -24.2669, 130.4774



109.6070, -37.2743, 55.5957



80.8050, -0.8899, 5.4330



46.2180, -16.8695, 91.0168



7.1050, -2.5168, 13.9399

Inverse Universe

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



76.8150, -15.6848, 84.3542



75.2230, -24.2669, 130.4774



97.3930, 37.2743, -55.5957



80.8050, -0.8899, 5.4330



46.2180, -16.8695, 91.0168



7.1050, -2.5168, 13.9399

Previews

White Background



This preview shows how the YUV color 76.8150, -15.6848, 84.3542 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 76.8150, -15.6848, 84.3542 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 76.8150, -15.6848, 84.3542

Background



This preview shows how black text looks on a background with the YUV color 76.8150, -15.6848, 84.3542.



This preview shows how white text looks on a background with the YUV color 76.8150, -15.6848,

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

76.8150, -15.6848, 84.3542

Protanopia

90.3140, -12.9728, 7.6176

Deuteranopia

89.2590, -26.2567, 21.6979



Tritanopia

76.9630, -20.1948, 84.2244

Trichromacy



Original Color

76.8150, -15.6848, 84.3542

Protanomaly

85.2620, -13.9332, 35.7272

Deuteranomaly

84.7270, -22.5434, 44.0894

Tritanomaly

76.7180, -18.5950, 84.4393

Monochromacy



Original Color

76.8150, -15.6848, 84.3542

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.7050, -5.7706, 30.9537

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.8150, -15.6848, 84.3542 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(173, 34, 45)` looks like.

```
.text, #text, p{  
    color:rgb(173, 34, 45)  
}
```

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(173, 34, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 34, 45) }
```

Border

The CSS property to change the border of an element to YUV 76.8150, -15.6848, 84.3542 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(173, 34, 45) }
```


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

```
.border{ border-color:rgb(173, 34, 45) }
```

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

Here you see how a box with a 4 pixel rgb(173, 34, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 34, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 34, 45);  
box-shadow:4px 4px 4px 4px rgb(173, 34,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 76.8150, -15.6848, 84.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 34, 45) }
```

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

```
.background{ background-color: rgb(173, 34,  
45) }
```

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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