

Converting Colors

YUV(76.6890, -14.6367,
74.8177)

Have a look what the booklet for
YUV(76.6890, -14.6367, 74.8177)
contains.

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Color

**YUV(76.6890, -14.6367,
74.8177)**

Conversions

Conversions Part 1

Format	Color
Hex	A2272F
RGB	162, 39, 47
RGB Percent	64%, 15%, 18%
CMY	0.3647, 0.8471, 0.8157
CMYK	0.00, 0.76, 0.71, 0.36
HSL	356°, 61%, 39%
HSV	356°, 76%, 64%
XYZ	16.1389, 9.3377, 3.6411
YIQ	76.6890, 70.7400, 28.5640

Conversions

Conversions Part 2

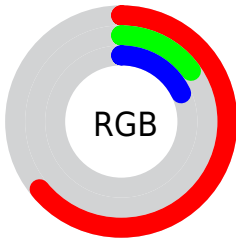
Format	Color
R_{YB}	162, 39, 47
Decimal	10626863
CIE _{Lab}	36.63, 50.04, 26.30
CIE _{LCh}	37, 56.527, 27.728
Yxy	9.3377, 0.5543, 0.3207
Android (android.graphics.Color)	4288816943 (0xFFA2272F)
YUV	76.6890, -14.6367, 74.8177
Hunter-Lab	30.5576, 40.7985, 14.3257

Details

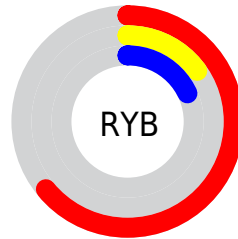
The YUV color **76.6890, -14.6367, 74.8177** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **124.3110, 14.6367, -74.8177**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.0440, -19.7417, 78.8914**, and **30.7970, -15.1829, 63.3220** is the 20% darker color. If you saturate the color by 10%, you get **65.5870, -16.5584, 84.5542**, and if you desaturate by 10%, it is **87.7910, -12.7150, 65.0813**.

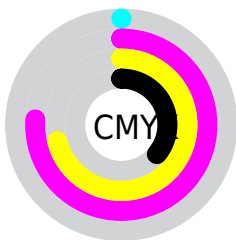
Distribution



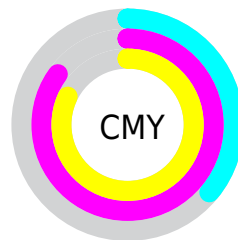
- Red (64%)
- Green (15%)
- Blue (18%)



- Red (64%)
- Yellow (15%)
- Blue (18%)



- Cyan (0%)
- Magenta (76%)
- Yellow (71%)
- Black (36%)



- Cyan (36%)
- Magenta (85%)
- Yellow (82%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.6890, -14.6367, 74.8177 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 76.6890, -14.6367, 74.8177 by changing the saturation by 10% instead.

■ 76.6890, -14.6367,
74.8177

■ 76.6890, -14.6367,
74.8177

255.0000, 0.0000,
0.0000

■ 42.4320, -8.1010,
78.5511

■ 133.0440,
-19.7417, 78.8914

■ 30.7970, -15.1829,
63.3220

■ 161.0120,
-21.2049, 81.5505

■ 22.1260, -10.9081,
45.4935

■ 180.0100,
-18.2459, 65.7662

■ 14.2810, -6.0545,
28.6946

■ 199.5240,
-14.5553, 48.6525

■ 0.0000, 0.0000,
0.0000

■ 219.0380,
-10.8647, 31.5387

■ 239.2530, -7.0267,

13.8101

254.8860, -0.4368,
0.1000

■ 76.6890, -14.6367,
74.8177

■ 76.6890, -14.6367,
74.8177

■ 65.5870, -16.5584,
84.5542

■ 87.7910, -12.7150,
65.0813

■ 54.4850, -18.4801,
94.2907

■ 98.8930, -10.7932,
55.3448

■ 49.6920, -19.0752,
98.4941

■ 110.5820, -9.1609,
45.0936

■ 121.7980, -6.8024,
35.2572

■ 132.9000, -4.8807,
25.5207

■ 144.0020, -2.9590,
15.7842

■ 155.1040, -1.0373,
6.0478

■ 166.7930, 0.5951,
-4.2035

■ 177.8950, 2.5168,
-13.9399

Harmonies

Analogous

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



75.9490, 7.9131, 75.4667



76.6890, -14.6367, 74.8177



80.0260, -39.4528, 54.3512

Triad

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



76.6890, -14.6367, 74.8177



63.6360, -15.1035, -55.8088



74.8830, 50.8367, -65.6724

Complementary

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



76.6890, -14.6367, 74.8177



124.3110, 14.6367, -74.8177

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.



78.4560, 41.6802, -68.8059



76.6890, -14.6367, 74.8177



70.8690, 4.9946, -62.1521

Square

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



76.6890, -14.6367, 74.8177



75.4880, -37.2156, -10.0750



76.7000, 24.7979, -67.2659



85.5910, 40.6276, -11.0423

Rectangle

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



76.6890, -14.6367, 74.8177



81.0790, -39.9719, 34.1337



76.7000, 24.7979, -67.2659



77.0030, 48.8055, -67.5316

Sweetspot

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



76.6890, -14.6367, 74.8177



177.9930, -5.9125, 29.8241



87.4070, 36.7743, 58.4021



86.1980, -3.5486, 18.2434



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



76.6890, -14.6367, 74.8177



78.1890, -22.7712, 117.3522



106.8880, -33.4688, 48.3332



75.8050, -0.8899, 5.4330



44.3810, -17.4428, 88.2429



5.4960, -2.2165, 10.9660

Inverse Universe

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



76.6890, -14.6367, 74.8177



78.1890, -22.7712, 117.3522



94.1120, 33.4688, -48.3332



75.8050, -0.8899, 5.4330



44.3810, -17.4428, 88.2429



5.4960, -2.2165, 10.9660

Previews

White Background



This preview shows how the YUV color 76.6890, -14.6367, 74.8177 looks on a white background.

Color Contrast Check

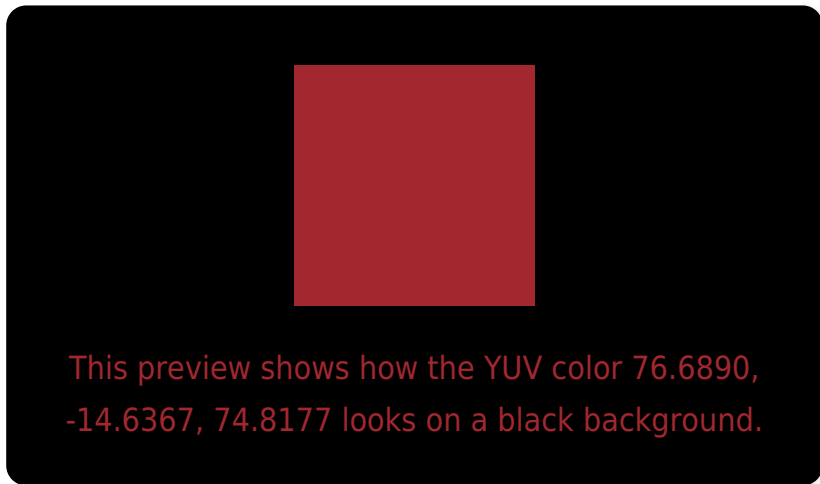
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

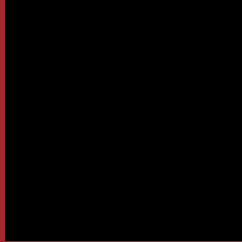
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.6890, -14.6367, 74.8177

Background



This preview shows how black text looks on a background with the YUV color 76.6890, -14.6367, 74.8177.

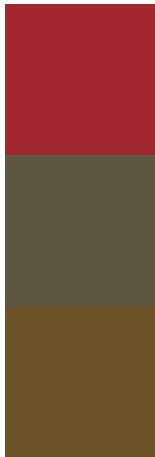


This preview shows how white text looks on a background with the YUV color 76.6890, -14.6367,

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

76.6890, -14.6367, 74.8177

Protanopia

86.4710, -11.0782, 6.6029

Deuteranopia

85.5730, -22.4675, 19.6685



Tritanopia

76.5920, -17.5469, 74.9028

Trichromacy



Original Color

76.6890, -14.6367, 74.8177

Protanomaly

83.2830, -12.4645, 31.3238

Deuteranomaly

82.5030, -19.4750, 39.9009

Tritanomaly

76.8200, -16.6733, 74.7029

Monochromacy



Original Color

76.6890, -14.6367, 74.8177

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.7970, -5.3229, 27.3650

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.6890, -14.6367, 74.8177 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(162, 39, 47)` looks like.

```
.text, #text, p{  
    color:rgb(162, 39, 47)  
}
```

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(162, 39, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 39, 47) }
```

Border

The CSS property to change the border of an element to YUV 76.6890, -14.6367, 74.8177 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(162, 39, 47) }
```


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

```
.border{ border-color:rgb(162, 39, 47) }
```

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

Here you see how a box with a 4 pixel rgb(162, 39, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 39, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 39, 47);  
box-shadow:4px 4px 4px 4px rgb(162, 39,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 76.6890, -14.6367, 74.8177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 39, 47) }
```

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

```
.background{ background-color: rgb(162, 39,  
47) }
```

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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