

Converting Colors

YUV(74.1350, -14.3636,
80.5656)

Have a look what the booklet for
YUV(74.1350, -14.3636, 80.5656)
contains.

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Color

**YUV(74.1350, -14.3636,
80.5656)**

Conversions

Conversions Part 1

Format	Color
Hex	A6212D
RGB	166, 33, 45
RGB Percent	65%, 13%, 18%
CMY	0.3490, 0.8706, 0.8235
CMYK	0.00, 0.80, 0.73, 0.35
HSL	355°, 67%, 39%
HSV	355°, 80%, 65%
XYZ	16.7434, 9.3842, 3.4115
YIQ	74.1350, 75.4160, 31.9280

Conversions

Conversions Part 2

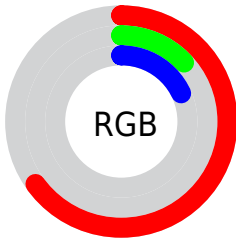
Format	Color
RYB	166, 33, 45
Decimal	10887469
CIELab	36.71, 53.07, 27.83
CIElCh	37, 59.930, 27.675
Yxy	9.3842, 0.5668, 0.3177
Android (android.graphics.Color)	4289077549 (0xFFA6212D)
YUV	74.1350, -14.3636, 80.5656
Hunter-Lab	30.6336, 43.9539, 14.8407

Details

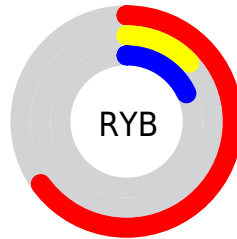
The YUV color **74.1350, -14.3636, 80.5656** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **124.8650, 14.3636, -80.5656**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.6640, -20.0474, 83.6097**, and **31.6940, -15.6251, 65.1664** is the 20% darker color. If you saturate the color by 10%, you get **62.4460, -15.9959, 90.8169**, and if you desaturate by 10%, it is **85.8240, -12.7312, 70.3144**.

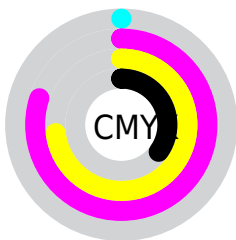
Distribution



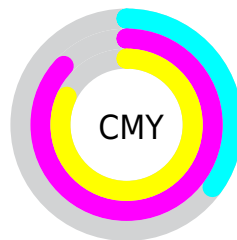
- Red (65%)
- Green (13%)
- Blue (18%)



- Red (65%)
- Yellow (13%)
- Blue (18%)



- Cyan (0%)
- Magenta (80%)
- Yellow (73%)
- Black (35%)





- Cyan (35%)
- Magenta (87%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.1350, -14.3636, 80.5656 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 74.1350, -14.3636, 80.5656 by changing the saturation by 10% instead.


 74.1350, -14.3636,
80.5656

 74.1350, -14.3636,
80.5656


255.0000, 0.0000,
0.0000


 43.4000, -9.5642,
81.2102


 131.6640,
-20.0474, 83.6097


 31.6940, -15.6251,
65.1664

 158.6210,
-21.5052, 84.5244


 23.0230, -11.3503,
47.3378

 178.0210,
-18.2514, 67.5106

 14.8790, -6.3493,
29.9241

 197.4210,
-14.9976, 50.4968

 0.0000, 0.0000,
0.0000

 217.0490,
-10.8702, 33.2830

 237.8510, -7.3215,

15.0397

254.5440, -1.7472,
0.3999

■ 74.1350, -14.3636,
80.5656

■ 74.1350, -14.3636,
80.5656

■ 62.4460, -15.9959,
90.8169

■ 85.8240, -12.7312,
70.3144

■ 51.3440, -17.9176,
100.5533

■ 96.9260, -10.8095,
60.5779

■ 108.6150, -9.1772,
50.3266

■ 119.7170, -7.2555,
40.5902

■ 131.5200, -5.1864,
30.2390

■ 143.2090, -3.5540,
19.9877

■ 154.3110, -1.6323,
10.2513

■ 166.0000, 0.0000,
0.0000

■ 177.1020, 1.9217,
-9.7365

Harmonies

Analogous

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



71.2750, 10.2174, 83.0738



74.1350, -14.3636, 80.5656



79.4500, -39.1688, 56.6104

Triad

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



74.1350, -14.3636, 80.5656



63.7670, -17.1401, -55.9237



76.1540, 53.1681, -66.7871

Complementary

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



74.1350, -14.3636, 80.5656



124.8650, 14.3636, -80.5656

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.



80.2000, 43.2854, -70.3354



74.1350, -14.3636, 80.5656



71.4560, 4.7052, -62.6669

Square

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



74.1350, -14.3636, 80.5656



74.8900, -36.9208, -11.3045



77.6290, 25.8189, -68.0806



84.6770, 43.5432, -12.8717

Rectangle

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



74.1350, -14.3636, 80.5656



81.6770, -40.2668, 35.3633



77.6290, 25.8189, -68.0806



78.2740, 51.1369, -68.6463

Sweetspot

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



74.1350, -14.3636, 80.5656



181.0040, -5.9180, 31.5685



84.0420, 40.4053, 60.4762



87.9100, -3.4066, 19.3729



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



74.1350, -14.3636, 80.5656



73.2440, -22.7983, 126.0740



103.8780, -34.9429, 54.4810



78.3920, -1.1793, 4.9182



45.7340, -16.1379, 89.6873



6.2080, -2.0745, 12.0956

Inverse Universe

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



74.1350, -14.3636, 80.5656



73.2440, -22.7983, 126.0740



95.1220, 34.9429, -54.4810



78.3920, -1.1793, 4.9182



45.7340, -16.1379, 89.6873



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 74.1350, -14.3636, 80.5656 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



This preview shows how the YUV color 74.1350, -14.3636, 80.5656 looks on a 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 74.1350, -14.3636, 80.5656

Background



This preview shows how black text looks on a background with the YUV color 74.1350, -14.3636, 80.5656.



This preview shows how white text looks on a background with the YUV color 74.1350, -14.3636,

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

74.1350, -14.3636, 80.5656

Protanopia

86.9440, -11.8044, 6.1881

Deuteranopia

85.5300, -23.9253, 20.5832



Tritanopia

74.1690, -19.3103, 80.5358

Trichromacy



Original Color

74.1350, -14.3636, 80.5656

Protanomaly

82.1800, -12.9067, 33.1681

Deuteranomaly

81.5850, -20.5014, 42.4600

Tritanomaly

74.0380, -17.2737, 80.6507

Monochromacy



Original Color

74.1350, -14.3636, 80.5656

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.8080, -5.3283, 29.1094

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.1350, -14.3636, 80.5656 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(166, 33, 45)` looks like.

```
.text, #text, p{  
    color:rgb(166, 33, 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(166, 33, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 33, 45) }
```

Border

The CSS property to change the border of an element to YUV 74.1350, -14.3636, 80.5656 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(166, 33, 45) }
```


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

```
.border{ border-color:rgb(166, 33, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 33, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 33, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 33, 45);  
box-shadow:4px 4px 4px 4px rgb(166, 33,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 74.1350, -14.3636, 80.5656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 33, 45) }
```

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

```
.background{ background-color: rgb(166, 33,  
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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