

Converting Colors

YUV(74.4170, -35.7016,
64.5323)

Have a look what the booklet for
YUV(74.4170, -35.7016, 64.5323)
contains.

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Color

**YUV(74.4170, -35.7016,
64.5323)**

Conversions

Conversions Part 1	
Format	Color
Hex	943302
RGB	148, 51, 2
RGB Percent	58%, 20%, 1%
CMY	0.4196, 0.8000, 0.9922
CMYK	0.00, 0.66, 0.99, 0.42
HSL	20°, 97%, 29%
HSV	20°, 99%, 58%
XYZ	13.4075, 8.6679, 1.0239
YIQ	74.4170, 73.5410, 5.3250

Conversions

Conversions Part 2

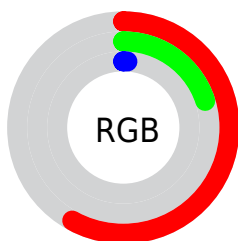
Format	Color
RYB	148, 76, 2
Decimal	9712386
CIELab	35.34, 39.00, 46.30
CIELCh	35, 60.535, 49.890
Yxy	8.6679, 0.5804, 0.3752
Android (android.graphics.Color)	4287902466 (0xFF943302)
YUV	74.4170, -35.7016, 64.5323
Hunter-Lab	29.4414, 29.7661, 18.5471

Details

The YUV color **74.4170, -35.7016, 64.5323** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **75.5830, 35.7016, -64.5323**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.4070, -37.1757, 70.6801**, and **26.6110, -13.1192, 54.7152** is the 20% darker color. If you saturate the color by 10%, you get **73.6020, -36.2858, 65.2470**, and if you desaturate by 10%, it is **81.9970, -32.0435, 57.8846**.

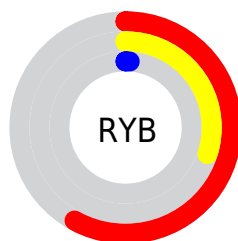
Distribution



Red (58%)

Green (20%)

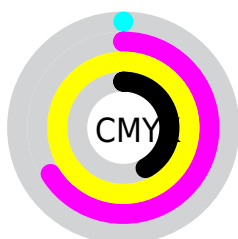
Blue (1%)



Red (58%)

Yellow (30%)

Blue (1%)

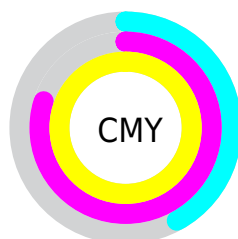


Cyan (0%)

Magenta (66%)

Yellow (99%)

Black (42%)



Cyan (42%)

Magenta (80%)


Yellow (99%)


Brightness & Saturation

Gradients


These gradients show how the YUV color 74.4170, -35.7016, 64.5323 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 74.4170, -35.7016, 64.5323 by changing the saturation by 10% instead.


 74.4170, -35.7016,
64.5323


 74.4170, -35.7016,
64.5323


 253.0620, -7.4256,
1.6996

 49.6690, -24.4868,
60.8033


 128.4070,
-37.1757, 70.6801

 26.6110, -13.1192,
54.7152


 155.6740,
-38.7863, 73.9539


 18.2390, -8.9918,
37.5014

 178.8580,
-37.8910, 66.7765

 9.9810, -4.4276,
20.1877

 197.6710,
-34.3478, 50.2775


 0.0000, 0.0000,
0.0000


 217.0710,
-31.0940, 33.2637


 237.1720,


-27.6928, 15.6352


 249.7560,
-20.0927, 4.5990


 74.4170, -35.7016,
64.5323

 74.4170, -35.7016,
64.5323


 73.6020, -36.2858,
65.2470

 81.9970, -32.0435,
57.8846

 89.5770, -28.3855,
51.2370

 96.4560, -24.8748,
45.2041

 104.0360,
-21.2167, 38.5564

 111.6160,
-17.5587, 31.9088

■ 119.1960,
-13.9006, 25.2611

■ 126.7760,
-10.2426, 18.6134

■ 134.2420, -7.0213,
12.0658

■ 141.2350, -3.0739,
5.9329

Harmonies

Analogous

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



65.4700, -5.6547, 87.2878



74.4170, -35.7016, 64.5323



78.7090, -38.8035, 32.7042

Triad

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



74.4170, -35.7016, 64.5323



67.2840, -1.1260, -59.0081



71.4170, 51.0664, -45.9697

Complementary

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



74.4170, -35.7016, 64.5323



75.5830, 35.7016, -64.5323

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.



75.6980, 51.4209, -66.3871



74.4170, -35.7016, 64.5323



74.1580, 20.1351, -65.0366

Square

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



74.4170, -35.7016, 64.5323



58.9110, -25.5921, -51.6649



77.7720, 39.0594, -68.2060



83.3580, 30.8825, 34.7660

Rectangle

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



74.4170, -35.7016, 64.5323



76.7940, -37.8594, 9.8277



77.7720, 39.0594, -68.2060



69.8280, 54.3148, -61.2392

Sweetspot

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



74.4170, -35.7016, 64.5323



162.1960, -13.9006, 25.2611



56.7120, 20.8480, 80.0596



79.5090, -8.6319, 15.3396



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



74.4170, -35.7016, 64.5323



94.6770, -46.6758, 84.4753



117.2680, -56.8271, 26.9520



70.2670, -1.6106, 3.2738



68.2640, -33.6542, 61.1585



4.7510, -2.3422, 4.6034

Inverse Universe

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



75.5830, 35.7016, -64.5323



96.3230, 46.6758, -84.4753



32.7320, 56.8271, -26.9520



70.1460, 1.9000, -2.7590



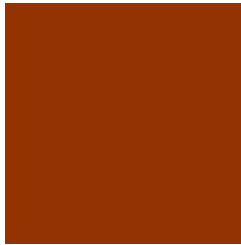
69.1490, 33.9435, -60.6437



5.2490, 2.3422, -4.6034

Previews

White Background



This preview shows how the YUV color 74.4170, -35.7016, 64.5323 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 74.4170, -35.7016, 64.5323 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 74.4170, -35.7016, 64.5323

Background



This preview shows how black text looks on a background with the YUV color 74.4170, -35.7016, 64.5323.



This preview shows how white text looks on a background with the YUV color 74.4170, -35.7016,

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

74.4170, -35.7016, 64.5323

Protanopia

79.5370, -31.3237, 13.5611

Deuteranopia

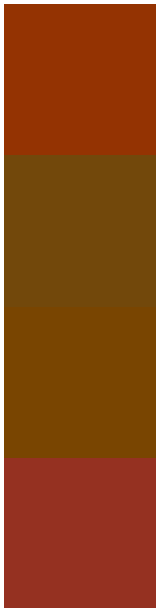
78.6540, -38.7764, 23.9824



Tritanopia

78.4270, -14.0145, 61.8925

Trichromacy



Original Color
74.4170, -35.7016, 64.5323

Protanomaly
77.6040, -32.8358, 31.9193

Deuteranomaly
76.7960, -37.3674, 38.7669

Tritanomaly
77.0760, -21.7295, 63.0773

Monochromacy



Original Color
74.4170, -35.7016, 64.5323

Achromatopsia
74.0000, 0.0000, 0.0000

Achromatomaly
74.4130, -13.0216, 23.3168

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.4170, -35.7016, 64.5323 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(148, 51, 2)` looks like.

```
.text, #text, p{  
    color:rgb(148, 51, 2)  
}
```

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(148, 51, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 51, 2) }
```

Border

The CSS property to change the border of an element to YUV 74.4170, -35.7016, 64.5323 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(148, 51, 2) }
```


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

```
.border{ border-color:rgb(148, 51, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 51, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 51, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 51, 2);  
box-shadow:4px 4px 4px 4px rgb(148, 51, 2)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.4170, -35.7016, 64.5323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 51, 2) }
```

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

```
.background{ background-color: rgb(148, 51,  
2) }
```

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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