

Converting Colors

YUV(74.6460, -13.1365,
13.4655)

Have a look what the booklet for
YUV(74.6460, -13.1365, 13.4655)
contains.

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Color

**YUV(74.6460, -13.1365,
13.4655)**

Conversions

Conversions Part 1

Format	Color
Hex	5A4830
RGB	90, 72, 48
RGB Percent	35%, 28%, 19%
CMY	0.6471, 0.7176, 0.8118
CMYK	0.00, 0.20, 0.47, 0.65
HSL	34°, 30%, 27%
HSV	34°, 47%, 35%
XYZ	7.0673, 7.0218, 3.7792
YIQ	74.6460, 18.4320, -3.6480

Conversions

Conversions Part 2

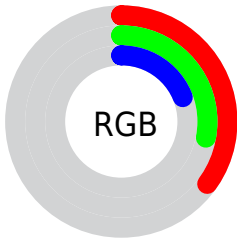
Format	Color
RYB	80, 90, 48
Decimal	5916720
CIELab	31.86, 3.98, 17.27
CIELCh	32, 17.724, 77.039
Yxy	7.0218, 0.3955, 0.3930
Android (android.graphics.Color)	4284106800 (0xFF5A4830)
YUV	74.6460, -13.1365, 13.4655
Hunter-Lab	26.4987, 1.2341, 10.0933

Details

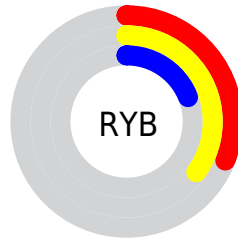
The YUV color **74.6460, -13.1365, 13.4655** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **63.3540, 13.1365, -13.4655**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.3150, -14.4523, 15.5097**, and **29.9940, -14.2940, 11.4063** is the 20% darker color. If you saturate the color by 10%, you get **71.2720, -15.9101, 16.4245**, and if you desaturate by 10%, it is **78.0200, -10.3629, 10.5065**.

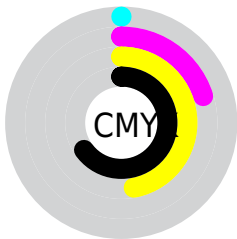
Distribution



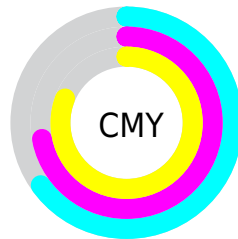
- Red (35%)
- Green (28%)
- Blue (19%)



- Red (31%)
- Yellow (35%)
- Blue (19%)



- Cyan (0%)
- Magenta (20%)
- Yellow (47%)
- Black (65%)



- Cyan (65%)
- Magenta (72%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.6460, -13.1365, 13.4655 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 74.6460, -13.1365, 13.4655 by changing the saturation by 10% instead.

■ 74.6460, -13.1365,
13.4655

■ 74.6460, -13.1365,
13.4655

255.0000, 0.0000,
0.0000

■ 52.1620, -12.4049,
12.1359

■ 123.3150,
-14.4523, 15.5097

■ 29.9940, -14.2940,
11.4063

■ 149.5000,
-15.0365, 16.2245

■ 7.4420, -3.6689,
10.1364

■ 176.6850,
-15.6207, 16.9393

■ 0.0000, 0.0000,
0.0000

■ 203.9840,
-15.7681, 17.5540

■ 232.1690,
-16.3523, 18.2688

■ 251.8080,

-12.2303, 2.7994

■ 74.6460, -13.1365,
13.4655

■ 74.6460, -13.1365,
13.4655

■ 71.2720, -15.9101,
16.4245

■ 78.0200, -10.3629,
10.5065

■ 67.8980, -18.6837,
19.3835

■ 81.3940, -7.5892,
7.5475

■ 64.5240, -21.4573,
22.3425

■ 84.7680, -4.8156,
4.5885

■ 61.7370, -24.5203,
24.7867

■ 87.5550, -1.7526,
2.1443

■ 58.3630, -27.2940,
27.7456

■ 90.9290, 1.0210,
-0.8147

■ 56.8470, -28.0256,
29.0752

■ 94.3030, 3.7946,
-3.7737

■ 97.6770, 6.5682,
-6.7327

■ 101.0510, 9.3419,
-9.6917

■ 104.4250, 12.1155,
-12.6507

Harmonies

Analogous

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



75.2000, -9.9586, 20.8726



74.6460, -13.1365, 13.4655



73.6940, -12.6671, 2.8994

Triad

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



74.6460, -13.1365, 13.4655



67.4520, 7.6652, -31.9684



77.2320, 8.2666, 8.5665

Complementary

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



74.6460, -13.1365, 13.4655



63.3540, 13.1365, -13.4655

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.



75.2840, 12.6780, -6.3881



74.6460, -13.1365, 13.4655



67.6460, 13.4855, -32.1385

Square

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



74.6460, -13.1365, 13.4655



69.0420, -0.5137, -21.9618



71.4670, 15.0528, -21.4576



76.8050, 2.5611, 18.5880

Rectangle

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



74.6460, -13.1365, 13.4655



72.0350, -9.8773, -5.2927



71.4670, 15.0528, -21.4576



76.3670, 10.1721, 4.0631

Sweetspot

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



74.6460, -13.1365, 13.4655



111.0670, -4.9630, 5.2032



62.6100, 1.6713, 24.0210



54.9250, -2.9210, 3.5738



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



74.6460, -13.1365, 13.4655



93.1540, -20.2889, 20.9129



84.3150, -17.9033, 2.3547



44.2560, -1.6052, 1.5295



69.8710, -34.4464, 35.1931



150.6950, -74.2926, 75.6895

Inverse Universe

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



63.3540, 13.1365, -13.4655



75.8460, 20.2889, -20.9129



53.6850, 17.9033, -2.3547



42.7440, 1.6052, -1.5295



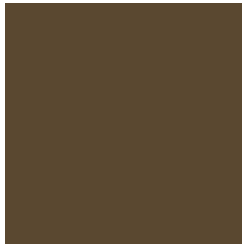
40.1290, 34.4464, -35.1931



86.8920, 74.0032, -76.2043

Previews

White Background



This preview shows how the YUV color 74.6460, -13.1365, 13.4655 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 74.6460, -13.1365, 13.4655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

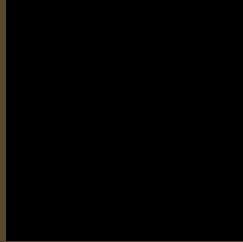
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.6460, -13.1365, 13.4655

Background



This preview shows how black text looks on a background with the YUV color 74.6460, -13.1365, 13.4655.



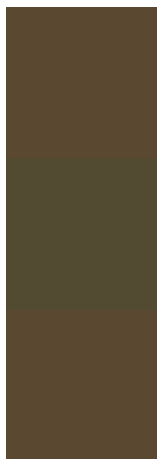
This preview shows how white text looks on a background with the YUV color 74.6460, -13.1365,

13.4655.

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

74.6460, -13.1365, 13.4655

Protanopia

74.1290, -12.3886, 6.9029

Deuteranopia

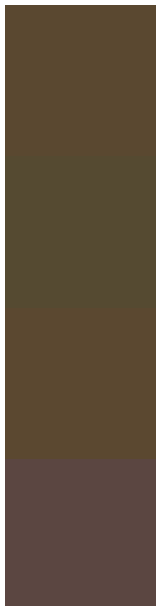
74.9450, -13.2839, 14.0802



Tritanopia

76.4470, -1.2064, 13.6400

Trichromacy



Original Color

74.6460, -13.1365, 13.4655

Protanomaly

74.4390, -12.5414, 9.2620

Deuteranomaly

74.9450, -13.2839, 14.0802

Tritanomaly

75.7090, -5.2795, 13.4102

Monochromacy



Original Color

74.6460, -13.1365, 13.4655

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.7680, -4.8156, 4.5885

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.6460, -13.1365, 13.4655 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(90, 72, 48)` looks like.

```
.text, #text, p{  
    color:rgb(90, 72, 48)  
}
```

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(90, 72, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 72, 48) }
```

Border

The CSS property to change the border of an element to YUV 74.6460, -13.1365, 13.4655 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(90, 72, 48) }
```


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

```
.border{ border-color:rgb(90, 72, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 72, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 72, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 72, 48);  
box-shadow:4px 4px 4px 4px rgb(90, 72, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.6460, -13.1365, 13.4655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 72, 48) }
```

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

```
.background{ background-color: rgb(90, 72,  
48) }
```

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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