

Converting Colors

YUV(71.6380, -14.6115,
-26.8695)

Have a look what the booklet for
YUV(71.6380, -14.6115, -26.8695)
contains.

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Color

**YUV(71.6380, -14.6115,
-26.8695)**

Conversions

Conversions Part 1

Format	Color
Hex	295D2A
RGB	41, 93, 42
RGB Percent	16%, 36%, 16%
CMY	0.8392, 0.6353, 0.8353
CMYK	0.56, 0.00, 0.55, 0.64
HSL	121°, 39%, 26%
HSV	121°, 56%, 36%
XYZ	5.2467, 8.4673, 3.5483
YIQ	71.6380, -14.6210, -26.8850

Conversions

Conversions Part 2

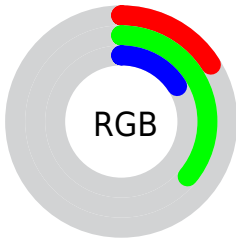
Format	Color
R_{YB}	41, 92, 93
Decimal	2710826
CIE _{Lab}	34.94, -29.18, 23.94
CIE _{LCh}	35, 37.744, 140.632
Yxy	8.4673, 0.3039, 0.4905
Android (android.graphics.Color)	4280900906 (0xFF295D2A)
YUV	71.6380, -14.6115, -26.8695
Hunter-Lab	29.0986, -18.7375, 13.1392

Details

The YUV color **71.6380, -14.6115, -26.8695** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **62.3620, 14.6115, 26.8695**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.8830, -16.2113, -27.0844**, and **27.0020, -13.3120, -23.6808** is the 20% darker color. If you saturate the color by 10%, you get **67.9210, -17.2161, -31.5027**, and if you desaturate by 10%, it is **75.3550, -12.0070, -22.2363**.

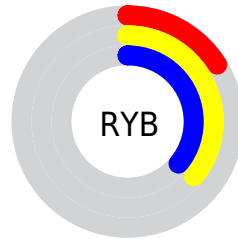
Distribution



Red (16%)

Green (36%)

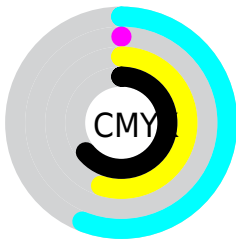
Blue (16%)



Red (16%)

Yellow (36%)

Blue (36%)

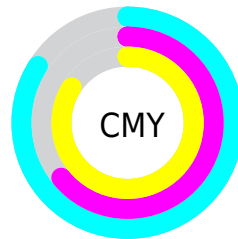


Cyan (56%)

Magenta (0%)

Yellow (55%)

Black (64%)



Cyan (84%)

Magenta (64%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.6380, -14.6115, -26.8695 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 71.6380, -14.6115, -26.8695 by changing the saturation by 10% instead.

■ 71.6380, -14.6115,
-26.8695

■ 71.6380, -14.6115,
-26.8695

255.0000, 0.0000,
0.0000

■ 46.9690, -13.2957,
-28.9138

■ 121.8830,
-16.2113, -27.0844

■ 27.0020, -13.3120,
-23.6808

■ 148.3560,
-16.9375, -27.4992

■ 15.2620, -7.5242,
-13.3848

■ 175.1280,
-17.8111, -27.2993

■ 0.0000, 0.0000,
0.0000

■ 202.7150,
-18.1005, -27.8141

■ 230.8890,
-18.6793, -28.8437

■ 242.7520,

-10.7237, -13.8145

254.4300, -2.1840,
0.4999

■ 71.6380, -14.6115,
-26.8695

■ 71.6380, -14.6115,
-26.8695

■ 67.9210, -17.2161,
-31.5027

■ 75.3550, -12.0070,
-22.2363

■ 63.9050, -19.6732,
-36.7507

■ 79.3710, -9.5499,
-16.9884

■ 60.1880, -22.2777,
-41.3839

■ 83.0880, -6.9454,
-12.3552

■ 56.4710, -24.8822,
-46.0171

■ 86.8050, -4.3409,
-7.7220

■ 54.8190, -26.0398,
-48.0763

■ 90.9350, -1.4470,
-2.5740

■ 94.6520, 1.1576,
2.0592

■ 98.3690, 3.7621,
6.6924

■ 102.0860, 6.3666,
11.3256

■ 106.1020, 8.8237,
16.5735

Harmonies

Analogous

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



76.7850, -27.5020, 1.0656



71.6380, -14.6115, -26.8695



64.4460, 3.2311, -56.5191

Triad

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



71.6380, -14.6115, -26.8695



67.7300, 36.1221, -59.3992



81.0170, -8.8824, 49.0971

Complementary

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



71.6380, -14.6115, -26.8695



62.3620, 14.6115, 26.8695

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.



82.3550, 5.2480, 43.5387



71.6380, -14.6115, -26.8695



81.3660, 28.4136, -13.4760

Square

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



71.6380, -14.6115, -26.8695



69.7700, 28.7074, -61.1883



84.5400, 17.9748, 21.4514



80.2320, -21.8064, 41.0155

Rectangle

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



71.6380, -14.6115, -26.8695



67.4270, 12.1145, -59.1335



84.5400, 17.9748, 21.4514



80.9830, -3.9356, 49.1269

Sweetspot

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



71.6380, -14.6115, -26.8695



111.4410, -5.6404, -10.9108



86.7730, -22.5661, 4.5841



56.0440, -3.4727, -6.1776



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



71.6380, -14.6115, -26.8695



87.0740, -22.7145, -41.2839



74.6020, -3.2548, -29.4690



43.9350, -1.4470, -2.5740



64.7980, -30.9594, -56.8278



139.6890, -66.4017, -122.5073

Inverse Universe

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



62.3620, 14.6115, 26.8695



72.8120, 22.2777, 41.3839



59.3980, 3.2548, 29.4690



43.0650, 1.4470, 2.5740



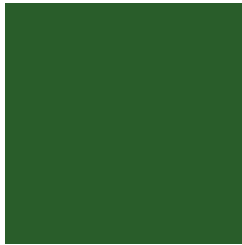
45.2020, 30.9594, 56.8278



97.4250, 66.8385, 122.4073

Previews

White Background



This preview shows how the YUV color 71.6380, -14.6115, -26.8695 looks on a white background.

Color Contrast Check

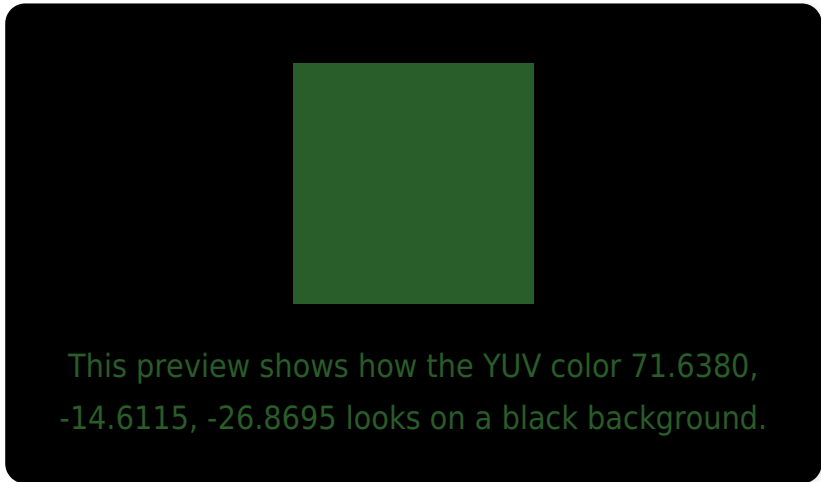
Large Text (above 18pt) WCAG AA ✓ Pass

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

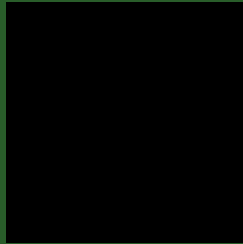
Any Text WCAG AA × Fail

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 71.6380, -14.6115, -26.8695 Background



This preview shows how black text looks on a background with the YUV color 71.6380, -14.6115, -26.8695.



This preview shows how white text looks on a background with the YUV color 71.6380, -14.6115,

-26.8695.

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

71.6380, -14.6115, -26.8695

Protanopia

79.6750, -20.5458, 9.9320

Deuteranopia

80.9300, -17.2205, 16.7244



Tritanopia

77.6320, 8.0694, -21.6023

Trichromacy



Original Color

71.6380, -14.6115, -26.8695

Protanomaly

76.7550, -18.6132, -3.2931

Deuteranomaly

77.4720, -16.0087, 1.3401

Tritanomaly

75.4440, -0.2189, -23.1914

Monochromacy



Original Color

71.6380, -14.6115, -26.8695

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1530, -5.4984, -9.7812

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.6380, -14.6115, -26.8695 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(41, 93, 42)` looks like.

```
.text, #text, p{  
    color:rgb(41, 93, 42)  
}
```

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(41, 93, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 93, 42) }
```

Border

The CSS property to change the border of an element to YUV 71.6380, -14.6115, -26.8695 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(41, 93, 42) }
```


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

```
.border{ border-color:rgb(41, 93, 42) }
```

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

Here you see how a box with a 4 pixel rgb(41, 93, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 93, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 93, 42);  
box-shadow:4px 4px 4px 4px rgb(41, 93, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.6380, -14.6115, -26.8695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 93, 42) }
```

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

```
.background{ background-color: rgb(41, 93,  
42) }
```

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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