

Converting Colors

YUV(82.1720, -14.3818, -7.1668)

Have a look what the booklet for
YUV(82.1720, -14.3818, -7.1668)
contains.

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Color

**YUV(82.1720, -14.3818,
-7.1668)**

Conversions

Conversions Part 1

Format	Color
Hex	4A5C35
RGB	74, 92, 53
RGB Percent	29%, 36%, 21%
CMY	0.7098, 0.6392, 0.7922
CMYK	0.20, 0.00, 0.42, 0.64
HSL	88°, 27%, 28%
HSV	88°, 42%, 36%
XYZ	7.2938, 9.3672, 4.7918
YIQ	82.1720, 1.7910, -15.9450

Conversions

Conversions Part 2

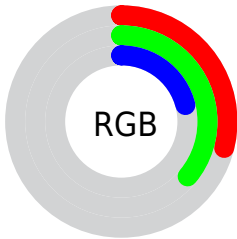
Format	Color
RYB	53, 92, 71
Decimal	4873269
CIELab	36.68, -14.60, 20.22
CIELCh	37, 24.940, 125.836
Yxy	9.3672, 0.3400, 0.4366
Android (android.graphics.Color)	4283063349 (0xFF4A5C35)
YUV	82.1720, -14.3818, -7.1668
Hunter-Lab	30.6058, -11.0213, 12.1414

Details

The YUV color **82.1720, -14.3818, -7.1668** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **62.8280, 14.3818, 7.1668**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.5310, -15.5448, -7.4817**, and **36.6990, -13.6556, -6.7520** is the 20% darker color. If you saturate the color by 10%, you get **79.9500, -17.7233, -8.7262**, and if you desaturate by 10%, it is **84.3940, -11.0402, -5.6075**.

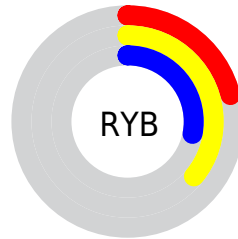
Distribution



Red (29%)

Green (36%)

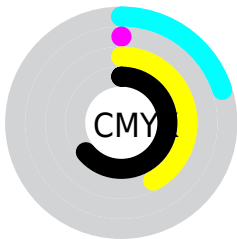
Blue (21%)



Red (21%)

Yellow (36%)

Blue (28%)

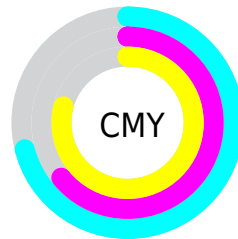


Cyan (20%)

Magenta (0%)

Yellow (42%)

Black (64%)



Cyan (71%)

Magenta (64%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.1720, -14.3818, -7.1668 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 82.1720, -14.3818, -7.1668 by changing the saturation by 10% instead.

■ 82.1720, -14.3818,
-7.1668

■ 82.1720, -14.3818,
-7.1668

■ 255.0000, 0.0000,
0.0000

■ 58.6990, -13.6556,
-6.7520

■ 131.5310,
-15.5448, -7.4817

■ 36.6990, -13.6556,
-6.7520

■ 158.3030,
-16.4184, -7.2817

■ 15.2620, -7.5242,
-13.3848

■ 184.8900,
-16.7078, -7.7965

■ 0.0000, 0.0000,
0.0000

■ 212.7760,
-17.1446, -7.6966

■ 241.3630,
-17.4340, -8.2114

■ 252.6060, -9.1728,

2.0995

■ 82.1720, -14.3818,
-7.1668

■ 82.1720, -14.3818,
-7.1668

■ 79.9500, -17.7233,
-8.7262

■ 84.3940, -11.0402,
-5.6075

■ 77.7280, -21.0649,
-10.2855

■ 86.6160, -7.6987,
-4.0482

■ 75.0930, -24.6958,
-12.3596

■ 89.2510, -4.0677,
-1.9741

■ 72.8710, -28.0374,
-13.9189

■ 91.4730, -0.7262,
-0.4148

■ 70.6490, -31.3790,
-15.4782

■ 93.6950, 2.6154,
1.1445

■ 68.9540, -33.9943,
-16.6227

■ 95.9170, 5.9569,
2.7038

■ 98.4380, 9.1511,
4.8779

■ 100.7740, 12.9294,
6.3372

■ 102.9960, 16.2710,
7.8965

Harmonies

Analogous

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



84.1310, -18.7986, 9.5321



82.1720, -14.3818, -7.1668



78.8690, -4.8654, -26.1951

Triad

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



82.1720, -14.3818, -7.1668



75.0770, 23.1330, -46.5485



87.6280, -2.2816, 31.8982

Complementary

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



82.1720, -14.3818, -7.1668



62.8280, 14.3818, 7.1668

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.



88.9780, 6.9128, 22.8213



82.1720, -14.3818, -7.1668



84.2700, 20.5729, -18.6538

Square

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



82.1720, -14.3818, -7.1668



68.7780, 19.8294, -60.3183



88.6320, 14.9714, 4.7077



86.9240, -11.3015, 31.6387

Rectangle

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



82.1720, -14.3818, -7.1668



74.7730, 4.0559, -41.0199



88.6320, 14.9714, 4.7077



88.4150, 0.7814, 29.4540

Sweetspot

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



82.1720, -14.3818, -7.1668



116.0830, -5.9569, -2.7038



75.2270, -10.9579, 14.7099



58.6640, -3.7784, -1.4593



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.



82.1720, -14.3818, -7.1668



104.6740, -22.5173, -11.1151



76.4910, -11.5811, -18.8476



44.8320, -1.8892, -0.7297



82.2110, -40.5300, -20.3560



177.3910, -87.4538, -43.3159

Inverse Universe

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



62.8280, 14.3818, 7.1668



74.3260, 22.5173, 11.1151



68.5090, 11.5811, 18.8476



42.1680, 1.8892, 0.7297



27.7890, 40.5300, 20.3560



59.6090, 87.4538, 43.3159

Previews

White Background



This preview shows how the YUV color 82.1720, -14.3818, -7.1668 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 82.1720, -14.3818, -7.1668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

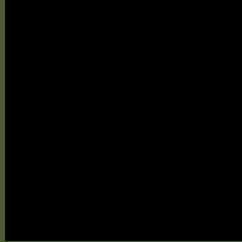
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.1720, -14.3818, -7.1668

Background



This preview shows how black text looks on a background with the YUV color 82.1720, -14.3818, -7.1668.



This preview shows how white text looks on a background with the YUV color 82.1720, -14.3818, -7.1668.

-7.1668.

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

82.1720, -14.3818, -7.1668

Protanopia

84.4020, -16.4672, 8.4174

Deuteranopia

85.5000, -15.0365, 16.2245



Tritanopia

85.7050, 4.0894, -5.0033

Trichromacy



Original Color

82.1720, -14.3818, -7.1668

Protanomaly

83.5970, -15.5773, 2.9844

Deuteranomaly

84.4450, -15.0094, 7.5027

Tritanomaly

84.5710, -2.7465, -5.7628

Monochromacy



Original Color

82.1720, -14.3818, -7.1668

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1970, -5.5201, -2.8038

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.1720, -14.3818, -7.1668 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(74, 92, 53)` looks like.

```
.text, #text, p{  
    color:rgb(74, 92, 53)  
}
```

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(74, 92, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 92, 53) }
```

Border

The CSS property to change the border of an element to YUV 82.1720, -14.3818, -7.1668 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(74, 92, 53) }
```


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

```
.border{ border-color:rgb(74, 92, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 92, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 92, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 92, 53);  
box-shadow:4px 4px 4px 4px rgb(74, 92, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.1720, -14.3818, -7.1668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 92, 53) }
```

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

```
.background{ background-color: rgb(74, 92,  
53) }
```

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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