

Converting Colors

YUV(122.7940, -1.3774,
-71.7333)

Have a look what the booklet for
YUV(122.7940, -1.3774, -71.7333)
contains.

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Color

**YUV(122.7940, -1.3774,
-71.7333)**

Conversions

Conversions Part 1

Format	Color
Hex	29A578
RGB	41, 165, 120
RGB Percent	16%, 65%, 47%
CMY	0.8392, 0.3529, 0.5294
CMYK	0.75, 0.00, 0.27, 0.35
HSL	158°, 60%, 40%
HSV	158°, 75%, 65%
XYZ	17.7597, 28.7377, 22.3802
YIQ	122.7940, -59.4590, -40.2830

Conversions

Conversions Part 2

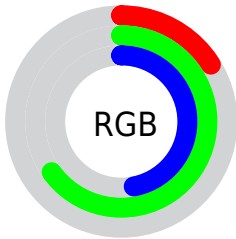
Format	Color
R_{YB}	41, 117, 165
Decimal	2729336
CIE _{Lab}	60.55, -44.11, 13.95
CIE _{LCh}	61, 46.260, 162.448
Yxy	28.7377, 0.2578, 0.4172
Android (android.graphics.Color)	4280919416 (0xFF29A578)
YUV	122.7940, -1.3774, -71.7333
Hunter-Lab	53.6076, -34.6777, 12.7728

Details

The YUV color **122.7940, -1.3774, -71.7333** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **83.2060, 1.3774, 71.7333**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.7300, -4.3039, -66.4152**, and **73.8380, -1.3991, -64.7559** is the 20% darker color. If you saturate the color by 10%, you get **117.0270, -1.4923, -81.5847**, and if you desaturate by 10%, it is **128.2620, -1.1152, -62.4968**.

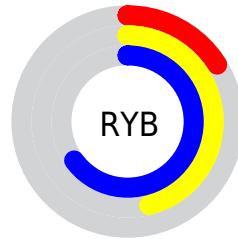
Distribution



Red (16%)

Green (65%)

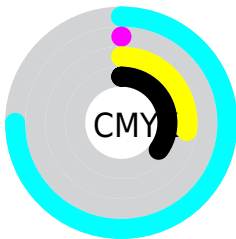
Blue (47%)



Red (16%)

Yellow (46%)

Blue (65%)

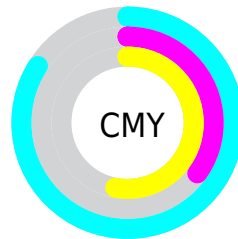


Cyan (75%)

Magenta (0%)

Yellow (27%)

Black (35%)



Cyan (84%)

Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.7940, -1.3774, -71.7333 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 122.7940, -1.3774, -71.7333 by changing the saturation by 10% instead.

■ 122.7940, -1.3774,
-71.7333

■ 122.7940, -1.3774,
-71.7333

■ 255.0000, 0.0000,
0.0000

■ 91.8360, 1.5599,
-80.5402

■ 180.7300, -4.3039,
-66.4152

■ 73.8380, -1.3991,
-64.7559

■ 209.6160, -4.7407,
-66.3152

■ 56.6550, -3.7739,
-49.6864

■ 224.4140, 1.7679,
-53.8601

■ 39.4720, -6.1487,
-34.6169

■ 236.4620, 9.1392,
-38.1162

■ 24.2950, -10.9914,
-21.3067

■ 245.1330, 4.8644,
-20.2876

■ 2.3480, -1.1576,
-2.0592

■ 254.1030, 0.4422,

■ 0.0000, 0.0000,

-1.8443

0.0000

■ 122.7940, -1.3774,
-71.7333

■ 122.7940, -1.3774,
-71.7333

■ 117.0270, -1.4923,
-81.5847

■ 128.2620, -1.1152,
-62.4968

■ 111.5590, -1.7546,
-90.8212

■ 134.0290, -1.0003,
-52.6454

■ 108.8250, -1.8857,
-95.4395

■ 139.4970, -0.7380,
-43.4089

■ 145.2640, -0.6232,
-33.5575

■ 150.7320, -0.3609,
-24.3210

■ 156.4990, -0.2460,
-14.4696

■ 161.9670, 0.0163,
-5.2331

■ 167.7340, 0.1311,
4.6183

■ 173.2020, 0.3934,
13.8548

Harmonies

Analogous

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



135.3860, -25.8263, -23.1405



122.7940, -1.3774, -71.7333



116.4970, 22.4330, -102.1679

Triad

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



122.7940, -1.3774, -71.7333



143.1710, 40.8347, -30.8450



145.3270, -25.7972, 61.1032

Complementary

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



122.7940, -1.3774, -71.7333



83.2060, 1.3774, 71.7333

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.



146.6540, -8.2104, 66.9554



122.7940, -1.3774, -71.7333



150.4500, 27.8791, 18.0223

Square

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



122.7940, -1.3774, -71.7333



117.5810, 51.9716, -103.1185



149.6040, 11.0412, 52.0903



143.6930, -37.8096, 40.6112

Rectangle

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



122.7940, -1.3774, -71.7333



118.9880, 34.5159, -104.3525



149.6040, 11.0412, 52.0903



145.7280, -20.5719, 65.1365

Sweetspot

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



122.7940, -1.3774, -71.7333



197.2970, -0.6394, -28.3245



127.2430, -42.5178, -36.1701



96.7760, -0.3826, -17.3436



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



122.7940, -1.3774, -71.7333



148.3130, -2.1263, -111.6535



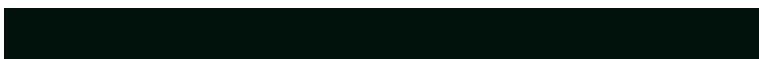
117.9450, 23.1981, -67.4808



78.9670, 0.0163, -5.2331



95.7170, -1.3395, -83.9438



11.8200, -0.4043, -10.3661

Inverse Universe

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



83.2060, 1.3774, 71.7333



86.6870, 2.1263, 111.6535



88.0550, -23.1981, 67.4808



76.0330, -0.0163, 5.2331



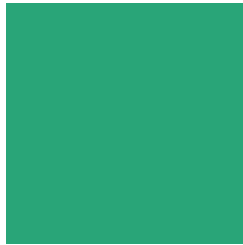
49.3970, 1.7763, 83.8438



6.0660, -0.0325, 10.4661

Previews

White Background



This preview shows how the YUV color 122.7940, -1.3774, -71.7333 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 122.7940, -1.3774, -71.7333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

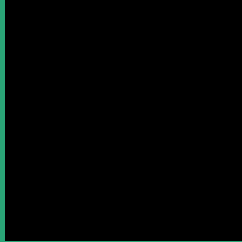
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.7940, -1.3774, -71.7333

Background



This preview shows how black text looks on a background with the YUV color 122.7940, -1.3774, -71.7333.



This preview shows how white text looks on a background with the YUV color 122.7940, -1.3774, -71.7333.

-71.7333.

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

122.7940, -1.3774, -71.7333

Protanopia

144.1140, -16.3252, 9.5470

Deuteranopia

146.1780, -9.9478, 17.3839



Tritanopia

131.9740, 19.2398, -57.8592

Trichromacy



Original Color

122.7940, -1.3774, -71.7333

Protanomaly

136.3060, -10.9969, -19.5624

Deuteranomaly

137.7780, -6.7926, -14.7143

Tritanomaly

128.8780, 11.3991, -63.0370

Monochromacy



Original Color

122.7940, -1.3774, -71.7333

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.7210, -0.3555, -26.0653

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.7940, -1.3774, -71.7333 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, 165, 120)` looks like.

```
.text, #text, p{  
    color:rgb(41, 165, 120)  
}
```

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, 165, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 165, 120) }
```

Border

The CSS property to change the border of an element to YUV 122.7940, -1.3774, -71.7333 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, 165, 120) }
```


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

```
.border{ border-color:rgb(41, 165, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 165, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 165, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 165, 120);  
box-shadow:4px 4px 4px 4px rgb(41, 165,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 122.7940, -1.3774, -71.7333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 165, 120) }
```

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

```
.background{ background-color: rgb(41, 165,  
120) }
```

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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