

Converting Colors

YUV(71.9990, 1.4795, -7.8921)

Have a look what the booklet for
YUV(71.9990, 1.4795, -7.8921)
contains.

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Color

**YUV(71.9990, 1.4795,
-7.8921)**

Conversions

Conversions Part 1

Format	Color
Hex	3F4C4B
RGB	63, 76, 75
RGB Percent	25%, 30%, 29%
CMY	0.7529, 0.7020, 0.7059
CMYK	0.17, 0.00, 0.01, 0.70
HSL	175°, 9%, 27%
HSV	175°, 17%, 30%
XYZ	5.9043, 6.7336, 7.6451
YIQ	71.9990, -7.4270, -3.0670

Conversions

Conversions Part 2

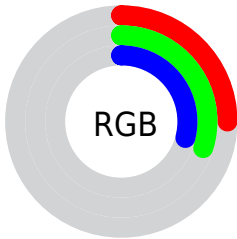
Format	Color
RYB	63, 70, 76
Decimal	4148299
CIELab	31.19, -5.39, -1.14
CIElCh	31, 5.514, 191.964
Yxy	6.7336, 0.2911, 0.3320
Android (android.graphics.Color)	4282338379 (0xFF3F4C4B)
YUV	71.9990, 1.4795, -7.8921
Hunter-Lab	25.9493, -4.7964, 0.6965

Details

The YUV color **71.9990, 1.4795, -7.8921** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **67.0010, -1.4795, 7.8921**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.7000, 1.6269, -8.5069**, and **28.2980, 1.3321, -7.2773** is the 20% darker color. If you saturate the color by 10%, you get **69.4930, 2.2220, -12.7104**, and if you desaturate by 10%, it is **74.5050, 0.7370, -3.0739**.

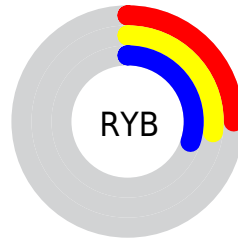
Distribution



Red (25%)

Green (30%)

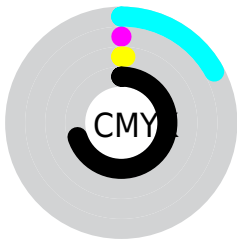
Blue (29%)



Red (25%)

Yellow (27%)

Blue (30%)

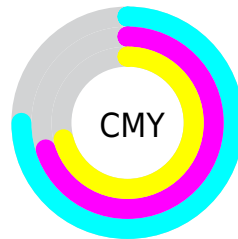


Cyan (17%)

Magenta (0%)

Yellow (1%)

Black (70%)



Cyan (75%)

Magenta (70%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.9990, 1.4795, -7.8921 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 71.9990, 1.4795, -7.8921 by changing the saturation by 10% instead.

■ 71.9990, 1.4795,
-7.8921

■ 71.9990, 1.4795,
-7.8921

■ 255.0000, 0.0000,
0.0000

■ 49.2980, 1.3321,
-7.2773

■ 120.7000, 1.6269,
-8.5069

■ 28.2980, 1.3321,
-7.2773

■ 146.2870, 1.3375,
-9.0217

■ 5.4940, 0.7425,
-4.8182

■ 172.7000, 1.6269,
-8.5069

■ 0.0000, 0.0000,
0.0000

■ 200.4010, 1.7743,
-9.1217

■ 228.1020, 1.9217,
-9.7365

■ 252.3090, 1.3267,

-5.5330

■ 71.9990, 1.4795,
-7.8921

■ 71.9990, 1.4795,
-7.8921

■ 69.4930, 2.2220,
-12.7104

■ 74.5050, 0.7370,
-3.0739

■ 67.4000, 3.2538,
-17.0138

■ 76.5980, -0.2948,
1.2296

■ 64.8940, 3.9963,
-21.8320

■ 79.1040, -1.0373,
6.0478

■ 62.8010, 5.0281,
-26.1355

■ 81.1970, -2.0691,
10.3512

■ 60.2950, 5.7706,
-30.9537

■ 83.7030, -2.8116,
15.1695

■ 57.7890, 6.5130,
-35.7720

■ 86.2090, -3.5540,
19.9877

■ 55.6960, 7.5449,
-40.0754

■ 88.3020, -4.5859,
24.2911

■ 53.1900, 8.2873,
-44.8936

■ 90.8080, -5.3283,
29.1094

■ 52.5920, 8.5821,
-46.1232

■ 92.9010, -6.3602,
33.4128

Harmonies

Analogous

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



72.4400, -0.7099, -5.6479



71.9990, 1.4795, -7.8921



72.4550, 3.2267, -8.2920

Triad

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



71.9990, 1.4795, -7.8921



74.1080, 2.9048, 1.6593



73.5940, -4.2368, 5.6181

Complementary

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



71.9990, 1.4795, -7.8921



67.0010, -1.4795, 7.8921

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.



73.9470, -2.9319, 7.0625



71.9990, 1.4795, -7.8921



74.5600, 0.7099, 5.6479

Square

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



71.9990, 1.4795, -7.8921



73.4280, 4.2260, -2.1294



74.7020, -1.3321, 7.2773



73.2730, -4.0786, 1.5146

Rectangle

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



71.9990, 1.4795, -7.8921



72.6940, 4.0949, -6.7476



74.7020, -1.3321, 7.2773



74.0070, -3.9475, 6.1329

Sweetspot

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



71.9990, 1.4795, -7.8921



97.5050, 0.7370, -3.0739



70.9300, -3.9095, -6.0776



50.1030, 0.4422, -1.8443



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



71.9990, 1.4795, -7.8921



92.9060, 2.5113, -12.1956



69.1780, 3.3632, -5.4181



36.8040, 0.5896, -2.4591



70.5900, 11.5411, -61.9074



159.1780, 26.0412, -139.5991

Inverse Universe

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



67.0010, -1.4795, 7.8921



85.0940, -2.5113, 12.1956



69.8220, -3.3632, 5.4181



35.3100, -0.1528, 2.3591



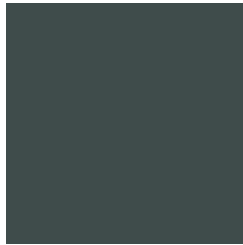
31.4100, -11.5411, 61.9074



70.8220, -26.0412, 139.5991

Previews

White Background



This preview shows how the YUV color 71.9990, 1.4795, -7.8921 looks on a white background.

Color Contrast Check

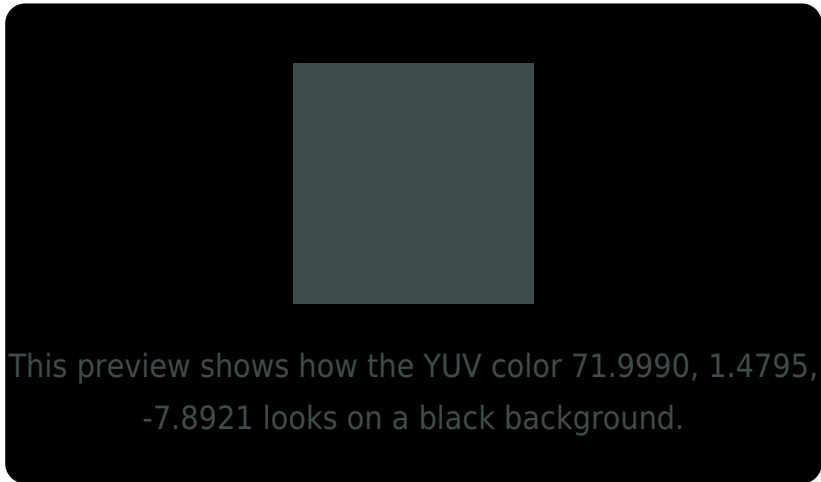
Large Text (above 18pt) WCAG AA ✓ Pass

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

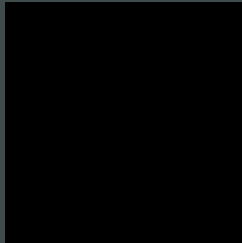
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.9990, 1.4795, -7.8921

Background



This preview shows how black text looks on a background with the YUV color 71.9990, 1.4795, -7.8921.



This preview shows how white text looks on a background with the YUV color 71.9990, 1.4795, -7.8921.

-7.8921.

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

71.9990, 1.4795, -7.8921

Protanopia

73.5980, -0.2948, 1.2296

Deuteranopia

73.9620, 1.0047, 4.4183



Tritanopia

72.3950, 4.2423, -7.3624

Trichromacy



Original Color

71.9990, 1.4795, -7.8921

Protanomaly

73.1030, 0.4422, -1.8443

Deuteranomaly

73.3420, 1.3104, -0.2999

Tritanomaly

72.1670, 3.3687, -7.1625

Monochromacy



Original Color

71.9990, 1.4795, -7.8921

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.8040, 0.5896, -2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.9990, 1.4795, -7.8921 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(63, 76, 75)` looks like.

```
.text, #text, p{  
    color:rgb(63, 76, 75)  
}
```

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(63, 76, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 76, 75) }
```

Border

The CSS property to change the border of an element to YUV 71.9990, 1.4795, -7.8921 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(63, 76, 75) }
```


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

```
.border{ border-color:rgb(63, 76, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 76, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 76, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 76, 75);  
box-shadow:4px 4px 4px 4px rgb(63, 76, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.9990, 1.4795, -7.8921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 76, 75) }
```

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

```
.background{ background-color: rgb(63, 76,  
75) }
```

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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