

Converting Colors

YUV(78.2790, -9.9975, -13.3997)

Have a look what the booklet for
YUV(78.2790, -9.9975, -13.3997)
contains.

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Color

**YUV(78.2790, -9.9975,
-13.3997)**

Conversions

Conversions Part 1

Format	Color
Hex	3F5A3A
RGB	63, 90, 58
RGB Percent	25%, 35%, 23%
CMY	0.7529, 0.6471, 0.7725
CMYK	0.30, 0.00, 0.36, 0.65
HSL	111°, 22%, 29%
HSV	111°, 36%, 35%
XYZ	6.4698, 8.6746, 5.3364
YIQ	78.2790, -5.8200, -15.6760

Conversions

Conversions Part 2

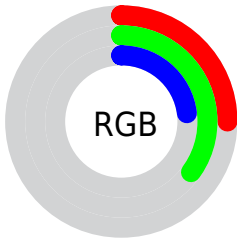
Format	Color
RYB	58, 90, 85
Decimal	4151866
CIELab	35.35, -17.18, 15.34
CIELCh	35, 23.037, 138.239
Yxy	8.6746, 0.3159, 0.4235
Android (android.graphics.Color)	4282341946 (0xFF3F5A3A)
YUV	78.2790, -9.9975, -13.3997
Hunter-Lab	29.4526, -12.3315, 9.8744

Details

The YUV color **78.2790, -9.9975, -13.3997** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **69.7210, 9.9975, 13.3997**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.6380, -11.1605, -13.7145**, and **32.9200, -8.8346, -13.0848** is the 20% darker color. If you saturate the color by 10%, you get **74.8610, -12.7495, -17.4181**, and if you desaturate by 10%, it is **81.6970, -7.2456, -9.3813**.

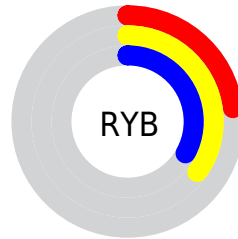
Distribution



Red (25%)

Green (35%)

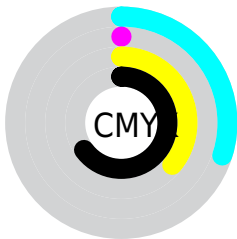
Blue (23%)



Red (23%)

Yellow (35%)

Blue (33%)

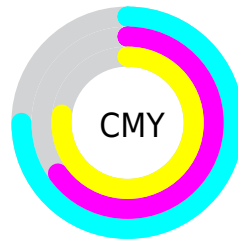


Cyan (30%)

Magenta (0%)

Yellow (36%)

Black (65%)



Cyan (75%)

Magenta (65%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.2790, -9.9975, -13.3997 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 78.2790, -9.9975, -13.3997 by changing the saturation by 10% instead.

■ 78.2790, -9.9975,
-13.3997

■ 78.2790, -9.9975,
-13.3997

255.0000, 0.0000,
0.0000

■ 54.8060, -9.2714,
-12.9849

■ 127.6380,
-11.1605, -13.7145

■ 32.9200, -8.8346,
-13.0848

■ 153.9260,
-11.3025, -14.8441

■ 14.6750, -7.2348,
-12.8700

■ 180.8120,
-11.7393, -14.7441

■ 0.0000, 0.0000,
0.0000

■ 208.3990,
-12.0287, -15.2589

■ 236.2850,
-12.4655, -15.1589

■ 251.1970, -5.5201,

-2.8038

■ 78.2790, -9.9975,
-13.3997

■ 78.2790, -9.9975,
-13.3997

■ 74.8610, -12.7495,
-17.4181

■ 81.6970, -7.2456,
-9.3813

■ 71.7420, -15.6488,
-20.8217

■ 84.8160, -4.3463,
-5.9776

■ 68.3240, -18.4007,
-24.8401

■ 88.2340, -1.5944,
-1.9592

■ 65.2050, -21.3001,
-28.2438

■ 91.3530, 1.3050,
1.4444

■ 61.7870, -24.0520,
-32.2622

■ 94.7710, 4.0569,
5.4628

■ 58.3690, -26.8039,
-36.2806

■ 98.1890, 6.8088,
9.4812

■ 57.0160, -28.1089,
-37.7250

■ 101.3080, 9.7082,
12.8849

■ 104.7260, 12.4601,
16.9033

■ 107.8450, 15.3594,
20.3069

Harmonies

Analogous

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



81.0700, -16.3035, 2.5696



78.2790, -9.9975, -13.3997



74.2150, 0.3870, -30.8836

Triad

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



78.2790, -9.9975, -13.3997



77.4920, 20.4634, -30.2495



84.4060, -5.6232, 30.3389

Complementary

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



78.2790, -9.9975, -13.3997



69.7210, 9.9975, 13.3997

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.



85.5500, 2.6869, 24.9507



78.2790, -9.9975, -13.3997



83.4240, 17.0460, -7.3878

Square

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



78.2790, -9.9975, -13.3997



67.7510, 20.8288, -54.1556



85.3510, 11.1660, 11.9702



83.3210, -13.4693, 26.9055

Rectangle

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



78.2790, -9.9975, -13.3997



70.6030, 8.5767, -44.3788



85.3510, 11.1660, 11.9702



85.0900, -3.0024, 29.7391

Sweetspot

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



78.2790, -9.9975, -13.3997



112.2290, -4.0569, -5.4628



83.4170, -12.5306, 5.7733



55.9950, -2.4625, -3.5036



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.



78.2790, -9.9975, -13.3997



98.7420, -15.6488, -20.8217



78.0380, -4.4557, -17.5733



44.2340, -1.5944, -1.9592



69.6530, -34.3389, -46.1767



150.1820, -74.0397, -99.2606

Inverse Universe

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



69.7210, 9.9975, 13.3997



85.2580, 15.6488, 20.8217



69.9620, 4.4557, 17.5733



42.7660, 1.5944, 1.9592



40.3470, 34.3389, 46.1767



86.8180, 74.0397, 99.2606

Previews

White Background



This preview shows how the YUV color 78.2790, -9.9975, -13.3997 looks on a white background.

Color Contrast Check

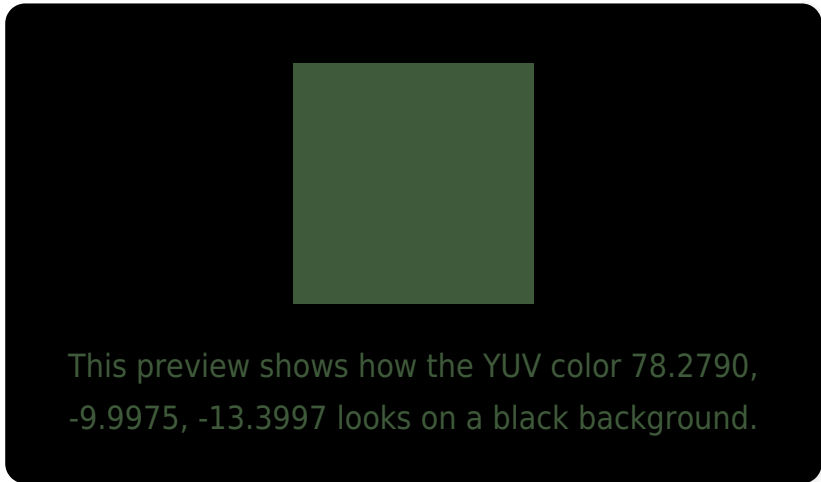
Large Text (above 18pt) WCAG AA ✓ Pass

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

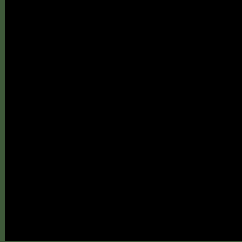
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.2790, -9.9975, -13.3997

Background



This preview shows how black text looks on a background with the YUV color 78.2790, -9.9975, -13.3997.



This preview shows how white text looks on a background with the YUV color 78.2790, -9.9975, -13.3997.

-13.3997.

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

78.2790, -9.9975, -13.3997

Protanopia

81.9010, -13.2622, 7.1028

Deuteranopia

82.5150, -11.0999, 13.5803



Tritanopia

81.7150, 5.5635, -11.1511

Trichromacy



Original Color

78.2790, -9.9975, -13.3997

Protanomaly

80.7860, -12.2195, -0.6893

Deuteranomaly

80.8620, -10.7780, 3.6290

Tritanomaly

80.2220, -0.1094, -11.5957

Monochromacy



Original Color

78.2790, -9.9975, -13.3997

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0550, -3.4781, -4.4332

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.2790, -9.9975, -13.3997 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, 90, 58)` looks like.

```
.text, #text, p{  
    color:rgb(63, 90, 58)  
}
```

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, 90, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 90, 58) }
```

Border

The CSS property to change the border of an element to YUV 78.2790, -9.9975, -13.3997 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, 90, 58) }
```


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

```
.border{ border-color:rgb(63, 90, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 90, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 90, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 90, 58);  
box-shadow:4px 4px 4px 4px rgb(63, 90, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.2790, -9.9975, -13.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 90, 58) }
```

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

```
.background{ background-color: rgb(63, 90,  
58) }
```

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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