

Converting Colors

YUV(63.2790, -9.9975, -13.3997)

Have a look what the booklet for
YUV(63.2790, -9.9975, -13.3997)
contains.

YUV(63.2790, -9.9975, -13.3997)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(63.2790, -9.9975,
-13.3997)**

Conversions

Conversions Part 1

Format	Color
Hex	304B2B
RGB	48, 75, 43
RGB Percent	19%, 29%, 17%
CMY	0.8118, 0.7059, 0.8314
CMYK	0.36, 0.00, 0.43, 0.71
HSL	111°, 27%, 23%
HSV	111°, 43%, 29%
XYZ	4.1710, 5.8350, 3.1919
YIQ	63.2790, -5.8200, -15.6760

Conversions

Conversions Part 2

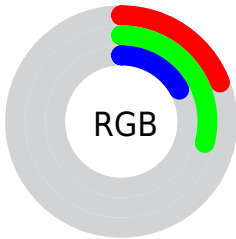
Format	Color
RYB	43, 75, 70
Decimal	3164971
CIELab	28.99, -17.57, 15.90
CIELCh	29, 23.699, 137.848
Yxy	5.8350, 0.3160, 0.4421
Android (android.graphics.Color)	4281355051 (0xFF304B2B)
YUV	63.2790, -9.9975, -13.3997
Hunter-Lab	24.1556, -11.4501, 9.0744

Details

The YUV color **63.2790, -9.9975, -13.3997** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **54.7210, 9.9975, 13.3997**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.3390, -11.0131, -14.3293**, and **19.6920, -9.7082, -12.8849** is the 20% darker color. If you saturate the color by 10%, you get **60.6870, -12.1707, -16.3885**, and if you desaturate by 10%, it is **65.9850, -7.3876, -10.5108**.

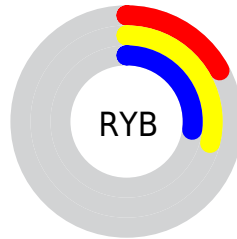
Distribution



Red (19%)

Green (29%)

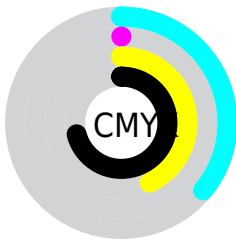
Blue (17%)



Red (17%)

Yellow (29%)

Blue (27%)

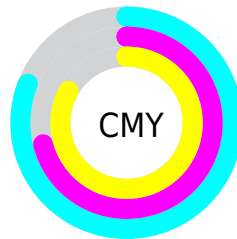


Cyan (36%)

Magenta (0%)

Yellow (43%)

Black (71%)



Cyan (81%)

Magenta (71%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.2790, -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 63.2790, -9.9975, -13.3997 by changing the saturation by 10% instead.

■ 63.2790, -9.9975,
-13.3997

■ 63.2790, -9.9975,
-13.3997

255.0000, 0.0000,
0.0000

■ 40.8060, -9.2714,
-12.9849

■ 111.3390,
-11.0131, -14.3293

■ 19.6920, -9.7082,
-12.8849

■ 136.9260,
-11.3025, -14.8441

■ 0.0000, 0.0000,
0.0000

■ 163.3990,
-12.0287, -15.2589

■ 190.2850,
-12.4655, -15.1589

■ 218.2850,
-12.4655, -15.1589

■ 243.3500,

-11.0186, -12.5850

254.3160, -2.6208,
0.5999

■ 63.2790, -9.9975,
-13.3997

■ 63.2790, -9.9975,
-13.3997

■ 60.6870, -12.1707,
-16.3885

■ 65.9850, -7.3876,
-10.5108

■ 57.6820, -14.6332,
-19.8921

■ 68.8760, -5.3619,
-6.9073

■ 55.0900, -16.8064,
-22.8809

■ 71.5820, -2.7519,
-4.0184

■ 52.3840, -19.4163,
-25.7698

■ 74.1740, -0.5788,
-1.0296

■ 49.4930, -21.4420,
-29.3734

■ 77.1790, 1.8838,
2.4740

■ 47.6130, -23.4732,
-31.2326

■ 79.7710, 4.0569,
5.4628

■ 82.4770, 6.6668,
8.3517

■ 85.3680, 8.6926,
11.9553

■ 88.0740, 11.3025,
14.8441

Harmonies

Analogous

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



65.9560, -16.7403, 2.6696



63.2790, -9.9975, -13.3997



58.0190, 0.9766, -33.3427

Triad

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



63.2790, -9.9975, -13.3997



60.1000, 21.6427, -35.1677



69.1070, -5.4758, 29.7242

Complementary

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



63.2790, -9.9975, -13.3997



54.7210, 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.



70.0770, 3.4130, 25.3655



63.2790, -9.9975, -13.3997



67.8260, 17.3408, -8.6174

Square

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



63.2790, -9.9975, -13.3997



55.4420, 19.5021, -48.6226



70.3510, 11.1660, 11.9702



68.1360, -12.8850, 26.1907

Rectangle

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



63.2790, -9.9975, -13.3997



54.1080, 9.3138, -47.4527



70.3510, 11.1660, 11.9702



69.2040, -2.5656, 29.6391

Sweetspot

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



63.2790, -9.9975, -13.3997



92.2290, -4.0569, -5.4628



68.4170, -12.5306, 5.7733



45.4080, -2.1731, -2.9888



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



63.2790, -9.9975, -13.3997



78.7420, -15.6488, -20.8217



63.0380, -4.4557, -17.5733



36.6470, -1.3050, -1.4444



64.6580, -31.8764, -42.6731



145.7740, -71.8666, -96.2718

Inverse Universe

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



54.7210, 9.9975, 13.3997



65.2580, 15.6488, 20.8217



54.9620, 4.4557, 17.5733



35.6520, 1.1576, 2.0592



37.3420, 31.8764, 42.6731



84.2260, 71.8666, 96.2718

Previews

White Background



This preview shows how the YUV color 63.2790, -9.9975, -13.3997 looks on a white background.

Color Contrast Check

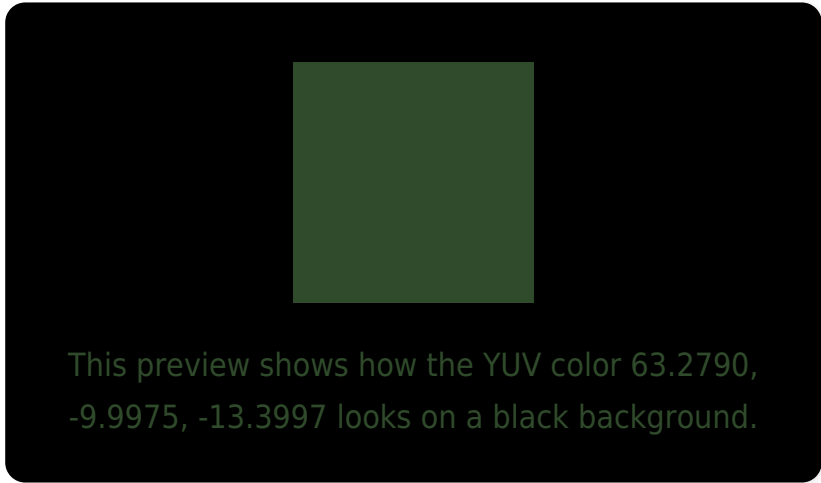
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.2790, -9.9975, -13.3997

Background



This preview shows how black text looks on a background with the YUV color 63.2790, -9.9975, -13.3997.



This preview shows how white text looks on a background with the YUV color 63.2790, -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

63.2790, -9.9975, -13.3997

Protanopia

66.9010, -13.2622, 7.1028

Deuteranopia

67.8030, -11.2419, 12.4508



Tritanopia

66.6010, 5.1267, -11.0511

Trichromacy



Original Color

63.2790, -9.9975, -13.3997

Protanomaly

65.7860, -12.2195, -0.6893

Deuteranomaly

66.4490, -11.0674, 3.1142

Tritanomaly

65.2220, -0.1094, -11.5957

Monochromacy



Original Color

63.2790, -9.9975, -13.3997

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0550, -3.4781, -4.4332

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.2790, -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(48, 75, 43)` looks like.

```
.text, #text, p{  
    color:rgb(48, 75, 43)  
}
```

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(48, 75, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 75, 43) }
```

Border

The CSS property to change the border of an element to YUV 63.2790, -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(48, 75, 43) }
```


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

```
.border{ border-color:rgb(48, 75, 43) }
```

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

Here you see how a box with a 4 pixel rgb(48, 75, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 75, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 75, 43);  
box-shadow:4px 4px 4px 4px rgb(48, 75, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.2790, -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(48, 75, 43) }
```

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

```
.background{ background-color: rgb(48, 75,  
43) }
```

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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