

Converting Colors

YUV(63.9010, 3.4998, -2.5442)

Have a look what the booklet for
YUV(63.9010, 3.4998, -2.5442)
contains.

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Color

**YUV(63.9010, 3.4998,
-2.5442)**

Conversions

Conversions Part 1

Format	Color
Hex	3D4047
RGB	61, 64, 71
RGB Percent	24%, 25%, 28%
CMY	0.7608, 0.7490, 0.7216
CMYK	0.14, 0.10, 0.00, 0.72
HSL	222°, 8%, 26%
HSV	222°, 14%, 28%
XYZ	4.8952, 5.1138, 6.6903
YIQ	63.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

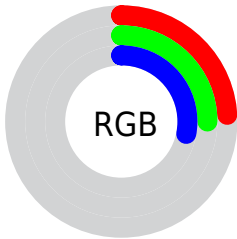
Format	Color
RYB	61, 63, 71
Decimal	4014151
CIELab	27.06, 0.44, -4.69
CIELCh	27, 4.706, 275.366
Yxy	5.1138, 0.2931, 0.3062
Android (android.graphics.Color)	4282204231 (0xFF3D4047)
YUV	63.9010, 3.4998, -2.5442
Hunter-Lab	22.6138, -0.9342, -1.7114

Details

The YUV color **63.9010, 3.4998, -2.5442** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **68.0990, -3.4998, 2.5442**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.6020, 3.6472, -3.1590**, and **21.7870, 3.0630, -2.4442** is the 20% darker color. If you saturate the color by 10%, you get **58.8730, 5.9786, -4.2736**, and if you desaturate by 10%, it is **68.9290, 1.0210, -0.8147**.

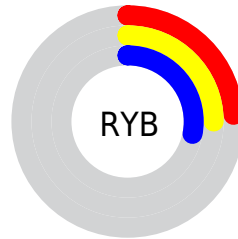
Distribution



 Red (24%)

 Green (25%)

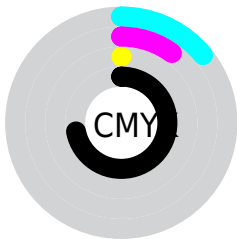
 Blue (28%)



 Red (24%)

 Yellow (25%)

 Blue (28%)

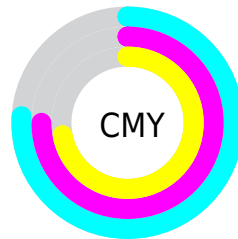


 Cyan (14%)

 Magenta (10%)

 Yellow (0%)

 Black (72%)



 Cyan (76%)

 Magenta (75%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.9010, 3.4998, -2.5442 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 63.9010, 3.4998, -2.5442 by changing the saturation by 10% instead.

■ 63.9010, 3.4998,
-2.5442

■ 63.9010, 3.4998,
-2.5442

■ 255.0000, 0.0000,
0.0000

■ 41.9010, 3.4998,
-2.5442

■ 111.6020, 3.6472,
-3.1590

■ 21.7870, 3.0630,
-2.4442

■ 137.0150, 3.9366,
-2.6442

■ 0.0000, 0.0000,
0.0000

■ 163.1290, 4.3734,
-2.7441

■ 190.1290, 4.3734,
-2.7441

■ 218.1290, 4.3734,
-2.7441

■ 246.7160, 4.0840,

-3.2589

■ 63.9010, 3.4998,
-2.5442

■ 63.9010, 3.4998,
-2.5442

■ 58.8730, 5.9786,
-4.2736

■ 68.9290, 1.0210,
-0.8147

■ 53.8450, 8.4574,
-6.0031

■ 73.9570, -1.4578,
0.9147

■ 48.8170, 10.9362,
-7.7325

■ 78.9850, -3.9366,
2.6442

■ 43.7890, 13.4150,
-9.4620

■ 84.0130, -6.4154,
4.3736

■ 38.4620, 16.0412,
-11.8062

■ 89.3400, -9.0416,
6.7178

■ 33.4340, 18.5200,
-13.5356

■ 94.3680, -11.5204,
8.4473

■ 28.4060, 20.9988,
-15.2651

■ 99.3960, -13.9992,
10.1767

■ 23.3780, 23.4776,
-16.9945

■ 104.4240,
-16.4780, 11.9062

■ 20.4210, 24.9354,
-17.9092

■ 109.4520,
-18.9568, 13.6356

Harmonies

Analogous

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



63.1780, 3.3632, -5.4181



63.9010, 3.4998, -2.5442



64.3960, 2.7628, 0.5297

Triad

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



63.9010, 3.4998, -2.5442



64.7620, -2.3477, 6.3477



63.0380, -1.0047, -4.4183

Complementary

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



63.9010, 3.4998, -2.5442



68.0990, -3.4998, 2.5442

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.



63.3050, -2.6154, -1.1445



63.9010, 3.4998, -2.5442



64.5230, -3.2158, 4.8033

Square

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



63.9010, 3.4998, -2.5442



64.8050, -0.8899, 5.4330



63.8000, -3.3524, 1.9294



62.7820, 0.6005, -5.9478

Rectangle

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



63.9010, 3.4998, -2.5442



64.4780, 1.7363, 3.0888



63.8000, -3.3524, 1.9294



63.2230, -1.5889, -3.7036

Sweetspot

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



63.9010, 3.4998, -2.5442



89.0430, 1.4578, -0.9147



67.6680, 0.1637, -5.8478



44.2280, 0.8736, -0.2000



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



63.9010, 3.4998, -2.5442



80.7590, 5.5418, -4.1736



62.7380, 4.0732, 0.2298



33.0430, 1.4578, -0.9147



28.8960, 34.5613, -25.3418



65.7940, 79.4746, -57.7013

Inverse Universe

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



64.3320, -0.1637, 5.8478



81.3540, -0.1745, 9.3365



69.2620, -4.0732, -0.2298



33.3100, -0.1528, 2.3591



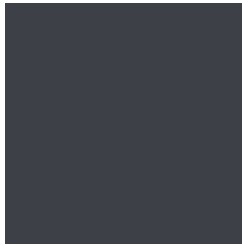
33.0210, -1.4894, 57.8636



75.6250, -3.7591, 132.7559

Previews

White Background



This preview shows how the YUV color 63.9010, 3.4998, -2.5442 looks on a white background.

Color Contrast Check

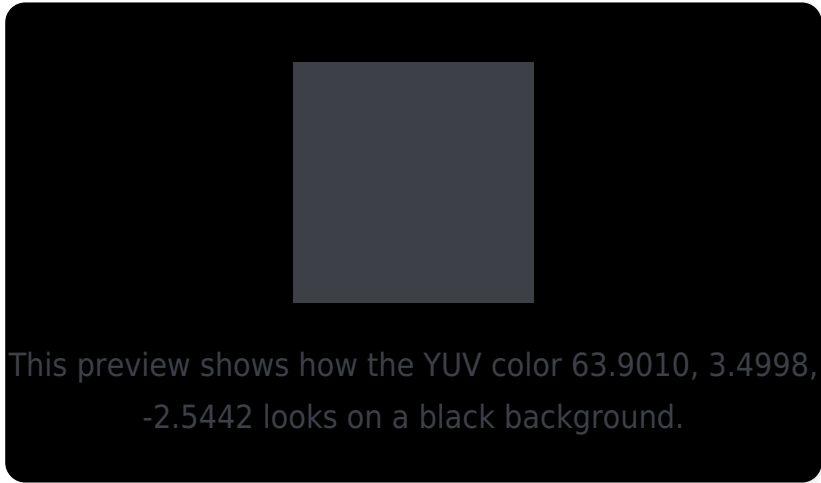
Large Text (above 18pt) WCAG AA ✓ Pass

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

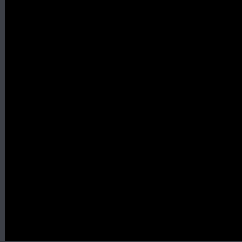
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

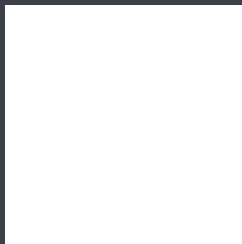
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 63.9010, 3.4998, -2.5442

Background



This preview shows how black text looks on a background with the YUV color 63.9010, 3.4998, -2.5442.



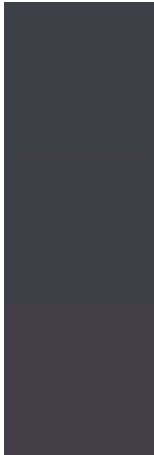
This preview shows how white text looks on a background with the YUV color 63.9010, 3.4998,

-2.5442.

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

63.9010, 3.4998, -2.5442

Protanopia

63.9120, 3.4944, -0.7998

Deuteranopia

64.5210, 3.1941, 2.1741



Tritanopia

63.6730, 2.6262, -2.3442

Trichromacy



Original Color

63.9010, 3.4998, -2.5442

Protanomaly

63.6130, 3.6418, -1.4146

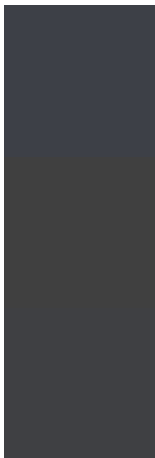
Deuteranomaly

64.5100, 3.1996, 0.4297

Tritanomaly

63.7870, 3.0630, -2.4442

Monochromacy



Original Color

63.9010, 3.4998, -2.5442

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.0430, 1.4578, -0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.9010, 3.4998, -2.5442 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(61, 64, 71)` looks like.

```
.text, #text, p{  
    color:rgb(61, 64, 71)  
}
```

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(61, 64, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 64, 71) }
```

Border

The CSS property to change the border of an element to YUV 63.9010, 3.4998, -2.5442 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(61, 64, 71) }
```


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

```
.border{ border-color:rgb(61, 64, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 64, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 64, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 64, 71);  
box-shadow:4px 4px 4px 4px rgb(61, 64, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.9010, 3.4998, -2.5442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 64, 71) }
```

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

```
.background{ background-color: rgb(61, 64,  
71) }
```

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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