

Converting Colors

YUV(61.4990, 3.2050, -1.3146)

Have a look what the booklet for
YUV(61.4990, 3.2050, -1.3146)
contains.

YUV(61.4990, 3.2050, -1.3146)	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(61.4990, 3.2050,
-1.3146)**

Conversions

Conversions Part 1

Format	Color
Hex	3C3D44
RGB	60, 61, 68
RGB Percent	24%, 24%, 27%
CMY	0.7647, 0.7608, 0.7333
CMYK	0.12, 0.10, 0.00, 0.73
HSL	232°, 6%, 25%
HSV	232°, 12%, 27%
XYZ	4.5756, 4.7155, 6.1379
YIQ	61.4990, -2.8430, 1.9650

Conversions

Conversions Part 2

Format	Color
R_{YB}	60, 61, 68
Decimal	3947844
CIE Lab	25.91, 1.25, -4.43
CIE LCh	26, 4.603, 285.754
Yxy	4.7155, 0.2966, 0.3056
Android (android.graphics.Color)	4282137924 (0xFF3C3D44)
YUV	61.4990, 3.2050, -1.3146
Hunter-Lab	21.7152, -0.3899, -1.5578

Details

The YUV color **61.4990, 3.2050, -1.3146** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **66.5010, -3.2050, 1.3146**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.6130, 3.6418, -1.4146**, and **19.3850, 2.7682, -1.2146** is the 20% darker color. If you saturate the color by 10%, you get **55.8840, 5.9732, -2.5293**, and if you desaturate by 10%, it is **67.1140, 0.4368, -0.1000**.

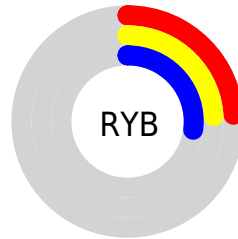
Distribution



 Red (24%)

 Green (24%)

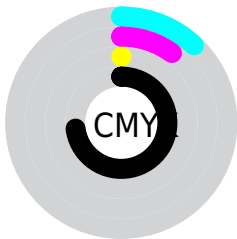
 Blue (27%)



 Red (24%)

 Yellow (24%)

 Blue (27%)

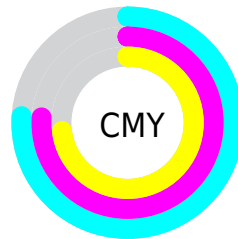


 Cyan (12%)

 Magenta (10%)

 Yellow (0%)

 Black (73%)



 Cyan (76%)

 Magenta (76%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.4990, 3.2050, -1.3146 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 61.4990, 3.2050, -1.3146 by changing the saturation by 10% instead.

■ 61.4990, 3.2050,
-1.3146

■ 61.4990, 3.2050,
-1.3146

255.0000, 0.0000,
0.0000

■ 39.4990, 3.2050,
-1.3146

■ 108.6130, 3.6418,
-1.4146

■ 19.3850, 2.7682,
-1.2146

■ 134.6130, 3.6418,
-1.4146

■ 0.0000, 0.0000,
0.0000

■ 160.6130, 3.6418,
-1.4146

■ 187.6130, 3.6418,
-1.4146

■ 214.7270, 4.0786,
-1.5146

■ 243.7270, 4.0786,

-1.5146

■ 61.4990, 3.2050,
-1.3146

■ 61.4990, 3.2050,
-1.3146

■ 55.8840, 5.9732,
-2.5293

■ 67.1140, 0.4368,
-0.1000

■ 50.2690, 8.7414,
-3.7439

■ 72.7290, -2.3314,
1.1147

■ 44.9530, 11.3622,
-4.3438

■ 78.0450, -4.9522,
1.7145

■ 39.3380, 14.1304,
-5.5584

■ 83.6600, -7.7204,
2.9292

■ 33.7230, 16.8986,
-6.7731

■ 89.2750, -10.4886,
4.1438

■ 28.1080, 19.6668,
-7.9877

■ 94.8900, -13.2568,
5.3585

■ 22.4930, 22.4350,
-9.2024

■ 100.5050,
-16.0250, 6.5731

■ 17.1770, 25.0557,
-9.8022

■ 105.8210,
-18.6458, 7.1730

■ 13.0350, 27.0977,
-11.4317

■ 111.4360,
-21.4139, 8.3876

Harmonies

Analogous

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



60.8900, 3.5052, -4.2885



61.4990, 3.2050, -1.3146



61.8800, 2.0312, 1.8592

Triad

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



61.4990, 3.2050, -1.3146



61.9360, -2.9264, 5.3181



60.1520, -0.5679, -4.5183

Complementary

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



61.4990, 3.2050, -1.3146



66.5010, -3.2050, 1.3146

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.



60.7070, -2.3206, -2.3740



61.4990, 3.2050, -1.3146



61.8110, -3.3578, 3.6738

Square

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



61.4990, 3.2050, -1.3146



62.1040, -1.0373, 6.0478



61.2020, -3.0576, 0.6998



60.0100, 1.4741, -6.1478

Rectangle

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



61.4990, 3.2050, -1.3146



61.9620, 1.0047, 4.4183



61.2020, -3.0576, 0.6998



60.3370, -1.1521, -3.8035

Sweetspot

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



61.4990, 3.2050, -1.3146



86.3420, 1.3104, -0.2999



65.4940, 0.7425, -4.8182



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.



61.4990, 3.2050, -1.3146



78.9550, 4.9522, -1.7145



61.8090, 3.0522, 1.0445



30.3420, 1.3104, -0.2999



18.1020, 38.8967, -15.8755



41.9720, 89.7398, -36.8094

Inverse Universe

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



62.5060, -0.7425, 4.8182



80.7020, -1.3321, 7.2773



66.1910, -3.0522, -1.0445



30.8970, -0.4422, 1.8443



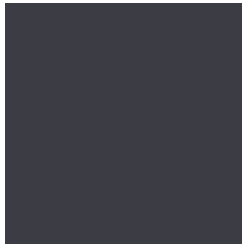
30.3710, -9.0569, 58.4336



70.1680, -20.7888, 134.9107

Previews

White Background



This preview shows how the YUV color 61.4990, 3.2050, -1.3146 looks on a white background.

Color Contrast Check

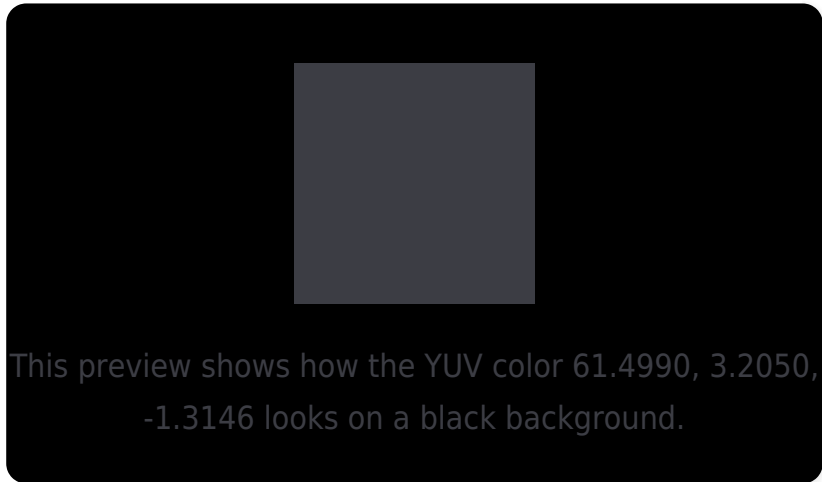
Large Text (above 18pt) WCAG AA ✓ Pass

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

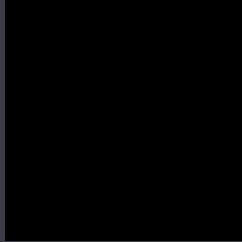
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

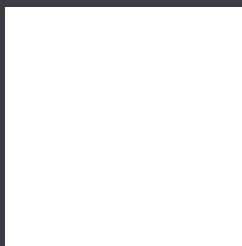
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 61.4990, 3.2050, -1.3146

Background



This preview shows how black text looks on a background with the YUV color 61.4990, 3.2050, -1.3146.



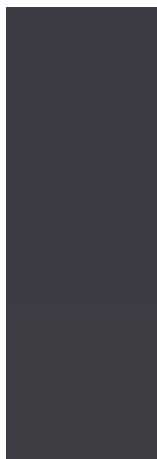
This preview shows how white text looks on a background with the YUV color 61.4990, 3.2050,

-1.3146.

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

61.4990, 3.2050, -1.3146

Protanopia

61.4990, 3.2050, -1.3146

Deuteranopia

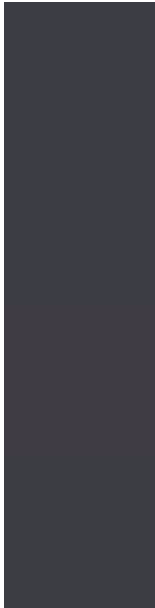
62.1080, 2.9048, 1.6593



Tritanopia

61.2710, 2.3314, -1.1147

Trichromacy



Original Color

61.4990, 3.2050, -1.3146

Protanomaly

61.4990, 3.2050, -1.3146

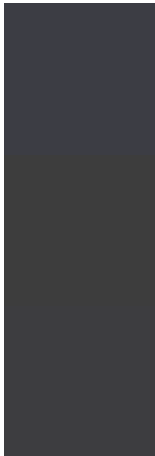
Deuteranomaly

61.8090, 3.0522, 1.0445

Tritanomaly

61.3850, 2.7682, -1.2146

Monochromacy



Original Color

61.4990, 3.2050, -1.3146

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.3420, 1.3104, -0.2999

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.4990, 3.2050, -1.3146 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(60, 61, 68)` looks like.

```
.text, #text, p{  
    color:rgb(60, 61, 68)  
}
```

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(60, 61, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 61, 68) }
```

Border

The CSS property to change the border of an element to YUV 61.4990, 3.2050, -1.3146 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(60, 61, 68) }
```


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

```
.border{ border-color:rgb(60, 61, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 61, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 61, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 61, 68);  
box-shadow:4px 4px 4px 4px rgb(60, 61, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.4990, 3.2050, -1.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 61, 68) }
```

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

```
.background{ background-color: rgb(60, 61,  
68) }
```

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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