

Converting Colors

YUV(63.2200, 9.7515, -1.0699)

Have a look what the booklet for
YUV(63.2200, 9.7515, -1.0699)
contains.

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Color

**YUV(63.2200, 9.7515,
-1.0699)**

Conversions

Conversions Part 1

Format	Color
Hex	3E3C53
RGB	62, 60, 83
RGB Percent	24%, 24%, 33%
CMY	0.7569, 0.7647, 0.6745
CMYK	0.25, 0.28, 0.00, 0.67
HSL	245°, 16%, 28%
HSV	245°, 28%, 33%
XYZ	5.1638, 4.8804, 8.8535
YIQ	63.2200, -6.1910, 7.5770

Conversions

Conversions Part 2

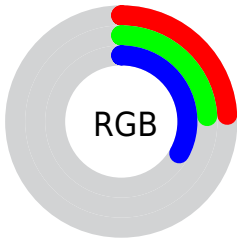
Format	Color
RYB	62, 60, 83
Decimal	4078675
CIELab	26.39, 6.65, -13.56
CIElCh	26, 15.101, 296.129
Yxy	4.8804, 0.2733, 0.2583
Android (android.graphics.Color)	4282268755 (0xFF3E3C53)
YUV	63.2200, 9.7515, -1.0699
Hunter-Lab	22.0916, 3.0632, -8.2970

Details

The YUV color **63.2200, 9.7515, -1.0699** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **79.7800, -9.7515, 1.0699**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.8610, 10.9145, -0.7551**, and **20.5790, 8.5886, -1.3848** is the 20% darker color. If you saturate the color by 10%, you get **56.1320, 13.2459, -1.8698**, and if you desaturate by 10%, it is **70.3080, 6.2572, -0.2701**.

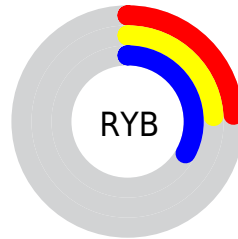
Distribution



Red (24%)

Green (24%)

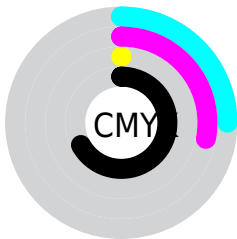
Blue (33%)



Red (24%)

Yellow (24%)

Blue (33%)

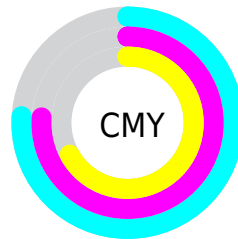


Cyan (25%)

Magenta (28%)

Yellow (0%)

Black (67%)



Cyan (76%)

Magenta (76%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.2200, 9.7515, -1.0699 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 63.2200, 9.7515, -1.0699 by changing the saturation by 10% instead.

■ 63.2200, 9.7515,
-1.0699

■ 63.2200, 9.7515,
-1.0699

■ 255.0000, 0.0000,
0.0000

■ 41.1060, 9.3147,
-0.9700

■ 110.8610, 10.9145,
-0.7551

■ 20.5790, 8.5886,
-1.3848

■ 135.9750, 11.3513,
-0.8551

■ 2.5250, 7.1362,
-2.2144

■ 162.9750, 11.3513,
-0.8551

■ 0.0000, 0.0000,
0.0000

■ 189.3880, 11.6407,
-0.3403

■ 217.5020, 12.0775,
-0.4403

■ 244.3790, 5.2362,

0.5446

■ 63.2200, 9.7515,
-1.0699

■ 63.2200, 9.7515,
-1.0699

■ 56.1320, 13.2459,
-1.8698

■ 70.3080, 6.2572,
-0.2701

■ 48.7560, 16.8823,
-1.5400

■ 77.6840, 2.6208,
-0.5999

■ 41.6680, 20.3767,
-2.3398

■ 84.7720, -0.8736,
0.2000

■ 34.8790, 23.7237,
-2.5249

■ 91.5610, -4.2206,
0.3850

■ 27.2040, 27.5074,
-2.8099

■ 99.2360, -8.0043,
0.6700

■ 20.4150, 30.8544,
-2.9950

■ 106.0250,
-11.3513, 0.8551

■ 13.3270, 34.3488,
-3.7948

■ 113.1130,
-14.8457, 1.6549

■ 11.5550, 35.2224,
-3.9947

■ 120.2010,
-18.3401, 2.4547

■ 127.5770,
-21.9765, 2.1250

Harmonies

Analogous

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



60.7130, 11.9735, -13.7803



63.2200, 9.7515, -1.0699



64.1460, 5.3510, 10.3960

Triad

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



63.2200, 9.7515, -1.0699



62.6940, -9.2161, 16.0544



57.5090, 1.2281, -20.6174

Complementary

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



63.2200, 9.7515, -1.0699



79.7800, -9.7515, 1.0699

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.



58.9680, -4.9142, -10.4959



63.2200, 9.7515, -1.0699



61.8950, -10.7942, 8.8621

Square

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



63.2200, 9.7515, -1.0699



63.1550, -5.0064, 19.1581



60.8830, -9.3093, -0.7744



56.1860, 7.7963, -27.3501

Rectangle

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



63.2200, 9.7515, -1.0699



63.9680, 1.9878, 15.8141



60.8830, -9.3093, -0.7744



57.7760, -0.3826, -17.3436

Sweetspot

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



63.2200, 9.7515, -1.0699



99.9120, 3.4944, -0.7998



74.9490, 3.9691, -13.1103



48.9830, 2.4734, 0.0149



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



63.2200, 9.7515, -1.0699



76.8870, 14.8457, -1.6549



66.5090, 8.1301, 5.6926



37.4560, 1.7472, -0.3999



14.6610, 44.5371, -4.9647



32.4280, 98.3890, -10.8994

Inverse Universe

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



69.2710, 5.7824, 12.0403



86.1130, 8.8183, 18.3179



76.4910, -8.1301, -5.6926



38.5380, 0.7208, 2.1592



42.2250, 26.0181, 55.0537



93.5360, 58.4028, 121.4329

Previews

White Background



This preview shows how the YUV color 63.2200, 9.7515, -1.0699 looks on a white background.

Color Contrast Check

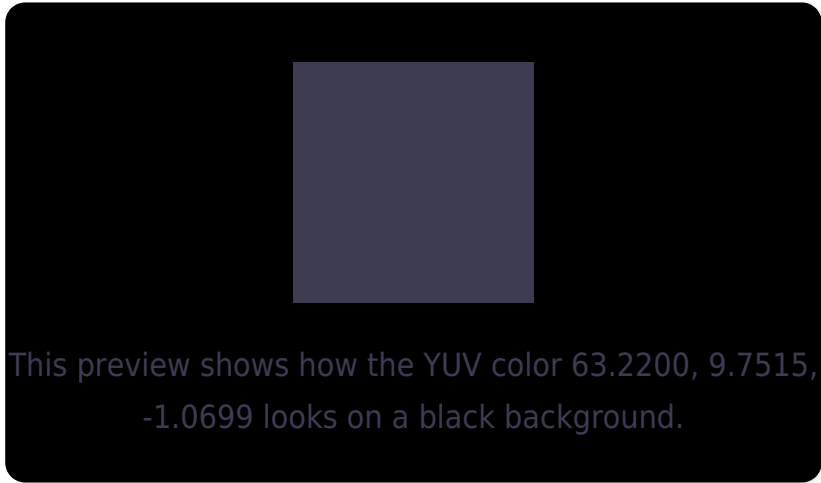
Large Text (above 18pt) WCAG AA ✓ Pass

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

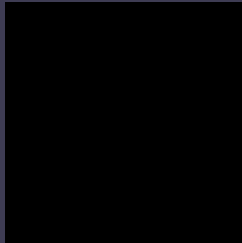
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.2200, 9.7515, -1.0699

Background



This preview shows how black text looks on a background with the YUV color 63.2200, 9.7515, -1.0699.



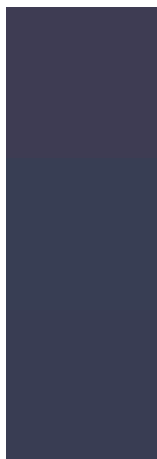
This preview shows how white text looks on a background with the YUV color 63.2200, 9.7515, -1.0699.

-1.0699.

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

63.2200, 9.7515, -1.0699

Protanopia

62.7140, 10.4940, -5.8882

Deuteranopia

62.3120, 10.1992, -4.6586



Tritanopia

62.3740, 2.7736, -2.9590

Trichromacy



Original Color

63.2200, 9.7515, -1.0699

Protanomaly

62.7250, 10.4886, -4.1438

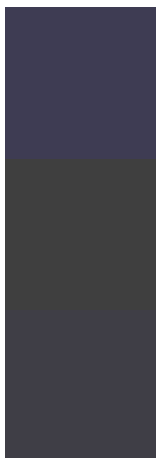
Deuteranomaly

62.9100, 9.9044, -3.4291

Tritanomaly

62.6560, 5.0996, -2.3293

Monochromacy



Original Color

63.2200, 9.7515, -1.0699

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.2110, 3.3470, -0.1850

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.2200, 9.7515, -1.0699 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(62, 60, 83)` looks like.

```
.text, #text, p{  
    color:rgb(62, 60, 83)  
}
```

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(62, 60, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 60, 83) }
```

Border

The CSS property to change the border of an element to YUV 63.2200, 9.7515, -1.0699 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(62, 60, 83) }
```


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

```
.border{ border-color:rgb(62, 60, 83) }
```

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

Here you see how a box with a 4 pixel rgb(62, 60, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 60, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 60, 83);  
box-shadow:4px 4px 4px 4px rgb(62, 60, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.2200, 9.7515, -1.0699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 60, 83) }
```

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

```
.background{ background-color: rgb(62, 60,  
83) }
```

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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