

Converting Colors

YUV(63.7190, 12.9565, -2.3846)

Have a look what the booklet for
YUV(63.7190, 12.9565, -2.3846)
contains.

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Color

**YUV(63.7190, 12.9565,
-2.3846)**

Conversions

Conversions Part 1

Format	Color
Hex	3D3C5A
RGB	61, 60, 90
RGB Percent	24%, 24%, 35%
CMY	0.7608, 0.7647, 0.6471
CMYK	0.32, 0.33, 0.00, 0.65
HSL	242°, 20%, 29%
HSV	242°, 33%, 35%
XYZ	5.3858, 4.9620, 10.3468
YIQ	63.7190, -9.0340, 9.5420

Conversions

Conversions Part 2

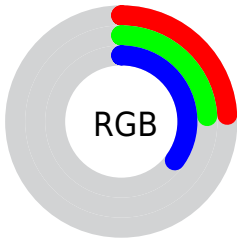
Format	Color
R_{YB}	61, 60, 90
Decimal	4013146
CIE Lab	26.63, 8.31, -17.77
CIE LCh	27, 19.621, 295.067
Yxy	4.9620, 0.2603, 0.2398
Android (android.graphics.Color)	4282203226 (0xFF3D3C5A)
YUV	63.7190, 12.9565, -2.3846
Hunter-Lab	22.2756, 4.1756, -11.9467

Details

The YUV color **63.7190, 12.9565, -2.3846** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **86.2810, -12.9565, 2.3846**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.3600, 14.1195, -2.0697**, and **20.6650, 11.5042, -3.2142** is the 20% darker color. If you saturate the color by 10%, you get **55.7450, 16.8877, -3.2844**, and if you desaturate by 10%, it is **71.6930, 9.0254, -1.4848**.

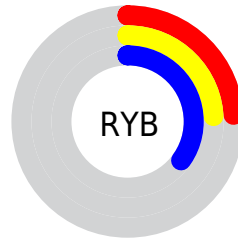
Distribution



Red (24%)

Green (24%)

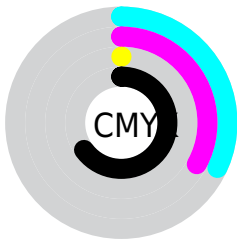
Blue (35%)



Red (24%)

Yellow (24%)

Blue (35%)

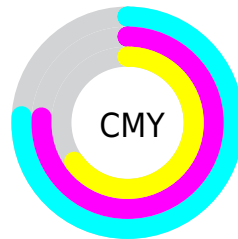


Cyan (32%)

Magenta (33%)

Yellow (0%)

Black (65%)



Cyan (76%)

Magenta (76%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.7190, 12.9565, -2.3846 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 63.7190, 12.9565, -2.3846 by changing the saturation by 10% instead.

■ 63.7190, 12.9565,
-2.3846

■ 63.7190, 12.9565,
-2.3846

■ 255.0000, 0.0000,
0.0000

■ 41.1920, 12.2303,
-2.7994

■ 111.3600, 14.1195,
-2.0697

■ 20.6650, 11.5042,
-3.2142

■ 136.8870, 14.8457,
-1.6549

■ 3.2090, 9.7570,
-2.8143

■ 163.5880, 14.9931,
-2.2697

■ 0.0000, 0.0000,
0.0000

■ 190.4140, 15.5719,
-1.2401

■ 218.1150, 15.7193,
-1.8549

■ 243.7920, 5.5255,

1.0594

■ 63.7190, 12.9565,
-2.3846

■ 63.7190, 12.9565,
-2.3846

■ 55.7450, 16.8877,
-3.2844

■ 71.6930, 9.0254,
-1.4848

■ 48.0700, 20.6715,
-3.5694

■ 79.3680, 5.2416,
-1.1997

■ 40.0960, 24.6027,
-4.4692

■ 87.3420, 1.3104,
-0.2999

■ 32.1220, 28.5339,
-5.3690

■ 95.3160, -2.6208,
0.5999

■ 24.1480, 32.4650,
-6.2688

■ 103.2900, -6.5520,
1.4997

■ 16.4730, 36.2488,
-6.5538

■ 110.9650,
-10.3357, 1.7847

■ 11.1570, 38.8696,
-7.1537

■ 118.9390,
-14.2669, 2.6845

■ 126.9130,
-18.1981, 3.5843

■ 134.5880,
-21.9819, 3.8693

Harmonies

Analogous

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



59.5210, 16.5051, -20.6279



63.7190, 12.9565, -2.3846



65.0260, 7.3822, 12.2552

Triad

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



63.7190, 12.9565, -2.3846



63.0320, -11.8478, 20.1429



54.7960, 2.5656, -29.6391

Complementary

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



63.7190, 12.9565, -2.3846



86.2810, -12.9565, 2.3846

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.



58.1910, -6.5032, -14.1995



63.7190, 12.9565, -2.3846



61.9940, -14.2940, 11.4063

Square

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



63.7190, 12.9565, -2.3846



63.8460, -6.3331, 24.6911



60.6720, -12.6563, -0.5893



50.2270, 12.2131, -44.0491

Rectangle

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



63.7190, 12.9565, -2.3846



64.6310, 3.1399, 19.6176



60.6720, -12.6563, -0.5893



56.0310, -0.5083, -23.7062

Sweetspot

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



63.7190, 12.9565, -2.3846



107.2540, 4.8048, -1.0998



80.4430, 4.7116, -17.9285



52.7980, 3.0576, -0.6998



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.



63.7190, 12.9565, -2.3846



75.9560, 20.2347, -3.4694



68.2040, 10.7454, 6.8371



41.5700, 2.1840, -0.4999



13.7360, 47.4582, -8.5385



29.4100, 102.3419, -18.7766

Inverse Universe

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



72.2760, 8.2449, 15.5439



89.2970, 13.1646, 24.2955



81.7960, -10.7454, -6.8371



43.0650, 1.4470, 2.5740



44.9740, 30.0858, 57.0278



96.9690, 65.0913, 122.8072

Previews

White Background



This preview shows how the YUV color 63.7190, 12.9565, -2.3846 looks on a white background.

Color Contrast Check

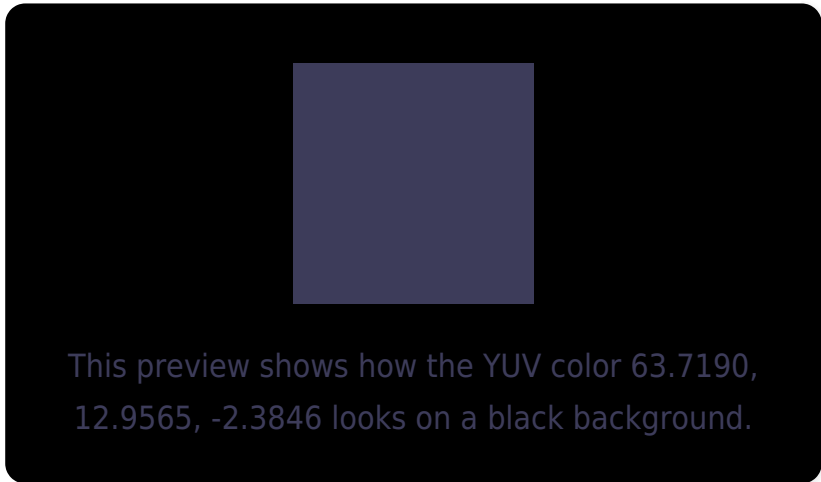
Large Text (above 18pt) WCAG AA ✓ Pass

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

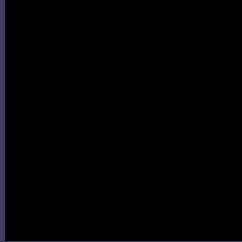
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.7190, 12.9565, -2.3846

Background



This preview shows how black text looks on a background with the YUV color 63.7190, 12.9565, -2.3846.



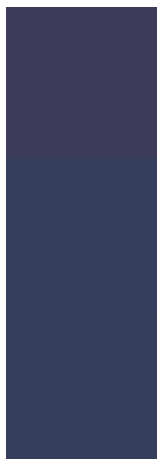
This preview shows how white text looks on a background with the YUV color 63.7190, 12.9565,

-2.3846.

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

63.7190, 12.9565, -2.3846

Protanopia

62.7290, 14.4306, -8.5323

Deuteranopia

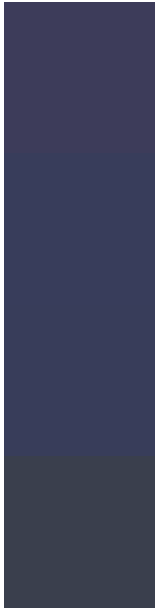
62.5010, 13.5570, -8.3324



Tritanopia

62.4770, 3.2158, -4.8033

Trichromacy



Original Color

63.7190, 12.9565, -2.3846

Protanomaly

62.9250, 13.8410, -6.0732

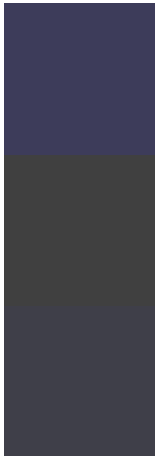
Deuteranomaly

62.8110, 13.4042, -5.9732

Tritanomaly

63.1010, 6.8522, -4.4736

Monochromacy



Original Color

63.7190, 12.9565, -2.3846

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.1400, 4.3680, -0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.7190, 12.9565, -2.3846 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, 60, 90)` looks like.

```
.text, #text, p{  
    color:rgb(61, 60, 90)  
}
```

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, 60, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 60, 90) }
```

Border

The CSS property to change the border of an element to YUV 63.7190, 12.9565, -2.3846 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, 60, 90) }
```


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

```
.border{ border-color:rgb(61, 60, 90) }
```

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

Here you see how a box with a 4 pixel rgb(61, 60, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 60, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 60, 90);  
box-shadow:4px 4px 4px 4px rgb(61, 60, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.7190, 12.9565, -2.3846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 60, 90) }
```

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

```
.background{ background-color: rgb(61, 60,  
90) }
```

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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