

Converting Colors

YUV(62.9630, 12.8362,
-10.4916)

Have a look what the booklet for
YUV(62.9630, 12.8362, -10.4916)
contains.

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Color

**YUV(62.9630, 12.8362,
-10.4916)**

Conversions

Conversions Part 1

Format	Color
Hex	334059
RGB	51, 64, 89
RGB Percent	20%, 25%, 35%
CMY	0.8000, 0.7490, 0.6510
CMYK	0.43, 0.28, 0.00, 0.65
HSL	219°, 27%, 27%
HSV	219°, 43%, 35%
XYZ	5.0018, 5.0919, 10.1704
YIQ	62.9630, -15.7730, 5.0190

Conversions

Conversions Part 2

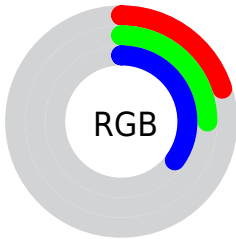
Format	Color
R _Y B	51, 61, 89
Decimal	3358809
CIE Lab	26.99, 2.05, -16.62
CIE LCh	27, 16.741, 277.023
Yxy	5.0919, 0.2468, 0.2513
Android (android.graphics.Color)	4281548889 (0xFF334059)
YUV	62.9630, 12.8362, -10.4916
Hunter-Lab	22.5652, 0.0774, -10.9271

Details

The YUV color **62.9630, 12.8362, -10.4916** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **77.0370, -12.8362, 10.4916**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.1910, 13.7098, -10.6915**, and **19.3110, 11.6787, -12.5507** is the 20% darker color. If you saturate the color by 10%, you get **56.7500, 15.8993, -12.9358**, and if you desaturate by 10%, it is **69.1760, 9.7732, -8.0474**.

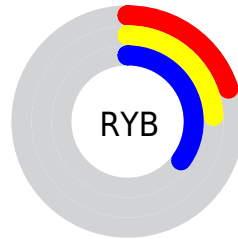
Distribution



Red (20%)

Green (25%)

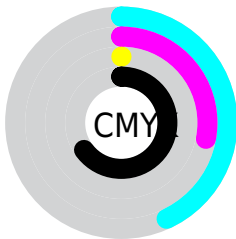
Blue (35%)



Red (20%)

Yellow (24%)

Blue (35%)

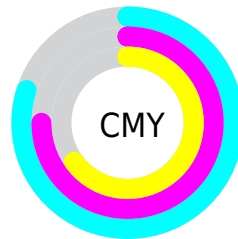


Cyan (43%)

Magenta (28%)

Yellow (0%)

Black (65%)



Cyan (80%)

Magenta (75%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.9630, 12.8362, -10.4916 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 62.9630, 12.8362, -10.4916 by changing the saturation by 10% instead.

■ 62.9630, 12.8362,
-10.4916

■ 62.9630, 12.8362,
-10.4916

■ 255.0000, 0.0000,
0.0000

■ 40.5500, 12.5469,
-11.0063

■ 111.1910, 13.7098,
-10.6915

■ 19.3110, 11.6787,
-12.5507

■ 136.3050, 14.1466,
-10.7915

■ 3.2090, 9.7570,
-2.8143

■ 162.8320, 14.8728,
-10.3767

■ 0.0000, 0.0000,
0.0000

■ 189.9460, 15.3096,
-10.4766

■ 217.6470, 15.4570,
-11.0914

■ 243.4380, 5.7001,

-8.2771

■ 62.9630, 12.8362,
-10.4916

■ 62.9630, 12.8362,
-10.4916

■ 56.7500, 15.8993,
-12.9358

■ 69.1760, 9.7732,
-8.0474

■ 50.5370, 18.9623,
-15.3799

■ 75.3890, 6.7102,
-5.6032

■ 44.3240, 22.0253,
-17.8241

■ 81.6020, 3.6472,
-3.1590

■ 38.6980, 24.7989,
-20.7831

■ 87.2280, 0.8736,
-0.2000

■ 32.7840, 27.7145,
-22.6126

■ 93.4410, -2.1894,
2.2442

■ 27.7560, 30.1933,
-24.3420

■ 99.3550, -5.1050,
4.0737

■ 105.5680, -8.1680,
6.5179

■ 111.7810,
-11.2310, 8.9621

■ 117.9940,
-14.2940, 11.4063

Harmonies

Analogous

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



59.1030, 13.7532, -24.6463



62.9630, 12.8362, -10.4916



64.8400, 9.4459, 3.6483

Triad

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



62.9630, 12.8362, -10.4916



64.7700, -7.7746, 20.3727



59.0920, -3.0034, -16.7437

Complementary

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



62.9630, 12.8362, -10.4916



77.0370, -12.8362, 10.4916

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.



61.5620, -9.1511, -4.8779



62.9630, 12.8362, -10.4916



64.1130, -11.3947, 14.8099

Square

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



62.9630, 12.8362, -10.4916



65.2630, -2.1017, 20.8173



62.8300, -12.2412, 6.2881



56.9750, 4.4493, -27.1651

Rectangle

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



62.9630, 12.8362, -10.4916



65.9720, 5.9298, 11.4256



62.8300, -12.2412, 6.2881



59.8430, -5.3456, -12.1403

Sweetspot

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



62.9630, 12.8362, -10.4916



104.6450, 5.1050, -4.0737



76.1560, -0.0769, -22.0618



51.9010, 3.4998, -2.5442



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.



62.9630, 12.8362, -10.4916



74.4660, 19.9833, -16.1947



57.1260, 15.7139, -0.1105



40.0430, 1.4578, -0.9147



33.9170, 36.0299, -29.7452



73.7500, 79.4963, -64.6787

Inverse Universe

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



63.8440, 0.0769, 22.0618



75.9210, 0.0389, 34.2723



82.8740, -15.7139, 0.1105



40.3100, -0.1528, 2.3591



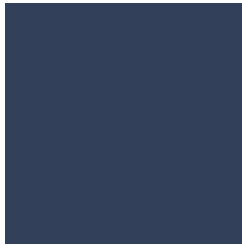
36.2110, 0.3890, 62.0820



79.3850, 0.3032, 136.4744

Previews

White Background



This preview shows how the YUV color 62.9630, 12.8362, -10.4916 looks on a white background.

Color Contrast Check

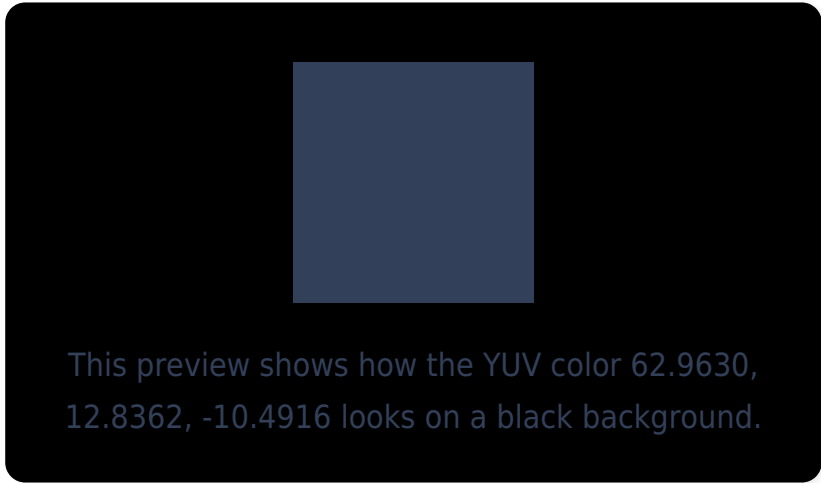
Large Text (above 18pt) WCAG AA ✓ Pass

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

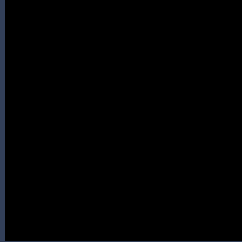
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

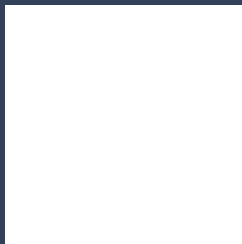
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 62.9630, 12.8362, -10.4916

Background



This preview shows how black text looks on a background with the YUV color 62.9630, 12.8362, -10.4916.



This preview shows how white text looks on a background with the YUV color 62.9630, 12.8362,

-10.4916.

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

62.9630, 12.8362, -10.4916

Protanopia

63.7570, 11.9518, -6.8029

Deuteranopia

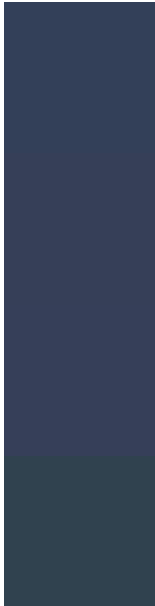
63.5720, 12.5360, -7.5176



Tritanopia

61.7040, 5.5689, -12.8954

Trichromacy



Original Color

62.9630, 12.8362, -10.4916

Protanomaly

63.1590, 12.2466, -8.0324

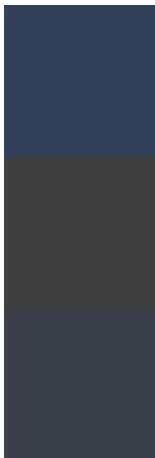
Deuteranomaly

63.2730, 12.6834, -8.1324

Tritanomaly

62.1000, 8.3317, -12.3657

Monochromacy



Original Color

62.9630, 12.8362, -10.4916

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.8300, 4.5208, -3.3589

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.9630, 12.8362, -10.4916 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(51, 64, 89)` looks like.

```
.text, #text, p{  
    color:rgb(51, 64, 89)  
}
```

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(51, 64, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 64, 89) }
```

Border

The CSS property to change the border of an element to YUV 62.9630, 12.8362, -10.4916 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(51, 64, 89) }
```


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

```
.border{ border-color:rgb(51, 64, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 64, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 64, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 64, 89);  
box-shadow:4px 4px 4px 4px rgb(51, 64, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.9630, 12.8362, -10.4916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 64, 89) }
```

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

```
.background{ background-color: rgb(51, 64,  
89) }
```

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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