

Converting Colors

YUV(62.9900, -1.4741, 6.1478)

Have a look what the booklet for
YUV(62.9900, -1.4741, 6.1478)
contains.

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Color

**YUV(62.9900, -1.4741,
6.1478)**

Conversions

Conversions Part 1

Format	Color
Hex	463C3C
RGB	70, 60, 60
RGB Percent	27%, 24%, 24%
CMY	0.7255, 0.7647, 0.7647
CMYK	0.00, 0.14, 0.14, 0.73
HSL	0°, 8%, 25%
HSV	0°, 14%, 27%
XYZ	4.9573, 4.8601, 4.9518
YIQ	62.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

Format	Color
RYB	70, 60, 60
Decimal	4602940
CIELab	26.33, 4.35, 1.60
CIELCh	26, 4.630, 20.191
Yxy	4.8601, 0.3357, 0.3291
Android (android.graphics.Color)	4282793020 (0xFF463C3C)
YUV	62.9900, -1.4741, 6.1478
Hunter-Lab	22.0455, 1.5586, 2.1144

Details

The YUV color **62.9900, -1.4741, 6.1478** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **67.0100, 1.4741, -6.1478**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.2890, -1.6215, 6.7625**, and **20.6910, -1.3267, 5.5330** is the 20% darker color. If you saturate the color by 10%, you get **58.0830, -2.5059, 10.4512**, and if you desaturate by 10%, it is **67.8970, -0.4422, 1.8443**.

Distribution



 Red (27%)

 Green (24%)

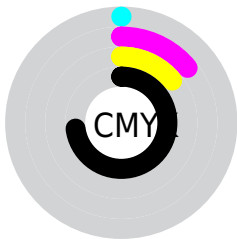
 Blue (24%)



 Red (27%)

 Yellow (24%)

 Blue (24%)



 Cyan (0%)

 Magenta (14%)

 Yellow (14%)

 Black (73%)



 Cyan (73%)

 Magenta (76%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.9900, -1.4741, 6.1478 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 62.9900, -1.4741, 6.1478 by changing the saturation by 10% instead.

■ 62.9900, -1.4741,
6.1478

■ 62.9900, -1.4741,
6.1478

■ 255.0000, 0.0000,
0.0000

■ 40.9900, -1.4741,
6.1478

■ 110.2890, -1.6215,
6.7625

■ 20.6910, -1.3267,
5.5330

■ 135.5880, -1.7689,
7.3773

■ 0.0000, 0.0000,
0.0000

■ 162.5880, -1.7689,
7.3773

■ 189.4740, -2.2057,
7.4773

■ 216.8870, -1.9163,
7.9921

■ 245.7730, -2.3531,

8.0921

■ 62.9900, -1.4741,
6.1478

■ 62.9900, -1.4741,
6.1478

■ 58.0830, -2.5059,
10.4512

■ 67.8970, -0.4422,
1.8443

■ 53.1760, -3.5378,
14.7546

■ 72.8040, 0.5896,
-2.4591

■ 48.2690, -4.5696,
19.0581

■ 77.7110, 1.6215,
-6.7625

■ 43.3620, -5.6015,
23.3615

■ 82.6180, 2.6533,
-11.0660

■ 38.4550, -6.6333,
27.6650

■ 87.5250, 3.6852,
-15.3694

■ 33.5480, -7.6652,
31.9684

■ 92.4320, 4.7170,
-19.6729

■ 28.6410, -8.6970,
36.2718

■ 97.3390, 5.7489,
-23.9763

■ 23.7340, -9.7289,
40.5753

■ 102.2460, 6.7807,
-28.2797

■ 20.9300, -10.3185,
43.0344

■ 107.1530, 7.8126,
-32.5832

Harmonies

Analogous

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



63.1470, 0.4205, 5.1331



62.9900, -1.4741, 6.1478



62.9360, -2.9264, 5.3181

Triad

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



62.9900, -1.4741, 6.1478



61.8210, -1.8838, -2.4740



61.8900, 3.5052, -4.2885

Complementary

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



62.9900, -1.4741, 6.1478



67.0100, 1.4741, -6.1478

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.



61.4660, 3.2213, -6.5477



62.9900, -1.4741, 6.1478



60.9670, 0.0163, -5.2331

Square

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



62.9900, -1.4741, 6.1478



62.2020, -3.0576, 0.6998



61.1240, 1.9109, -6.2477



62.7980, 3.0576, -0.6998

Rectangle

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



62.9900, -1.4741, 6.1478



62.2240, -3.0684, 4.1886



61.1240, 1.9109, -6.2477



61.5910, 3.6526, -4.9033

Sweetspot

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



62.9900, -1.4741, 6.1478



89.1960, -0.5896, 2.4591



64.1300, 2.8939, 5.1480



44.5980, -0.2948, 1.2296



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.



62.9900, -1.4741, 6.1478



80.7840, -2.3585, 9.8364



65.9250, -2.9210, 3.5738



33.1960, -0.5896, 2.4591



29.6010, -14.5933, 60.8629



67.8730, -33.4614, 139.5544

Inverse Universe

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



67.0100, 1.4741, -6.1478



87.2160, 2.3585, -9.8364



64.0750, 2.9210, -3.5738



34.8040, 0.5896, -2.4591



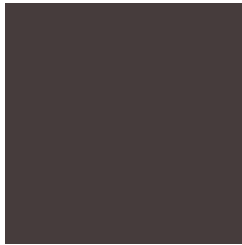
69.3990, 14.5933, -60.8629



159.1270, 33.4614, -139.5544

Previews

White Background



This preview shows how the YUV color 62.9900, -1.4741, 6.1478 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



This preview shows how the YUV color 62.9900, -1.4741, 6.1478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

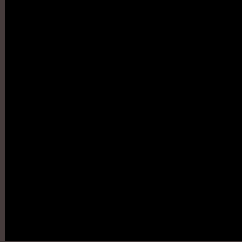
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.9900, -1.4741, 6.1478

Background



This preview shows how black text looks on a background with the YUV color 62.9900, -1.4741, 6.1478.



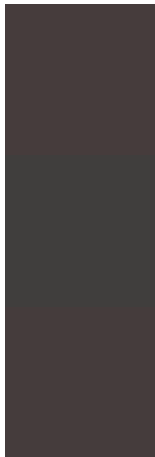
This preview shows how white text looks on a background with the YUV color 62.9900, -1.4741,

6.1478.

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

62.9900, -1.4741, 6.1478

Protanopia

62.4840, -0.7316, 1.3295

Deuteranopia

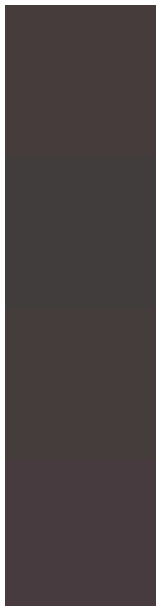
62.6910, -1.3267, 5.5330



Tritanopia

63.1580, 0.4151, 6.8774

Trichromacy



Original Color

62.9900, -1.4741, 6.1478

Protanomaly

62.4950, -0.7370, 3.0739

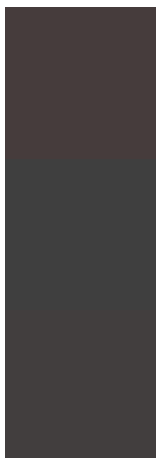
Deuteranomaly

62.6910, -1.3267, 5.5330

Tritanomaly

63.0440, -0.0217, 6.9774

Monochromacy



Original Color

62.9900, -1.4741, 6.1478

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1960, -0.5896, 2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.9900, -1.4741, 6.1478 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(70, 60, 60)` looks like.

```
.text, #text, p{  
    color:rgb(70, 60, 60)  
}
```

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(70, 60, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 60, 60) }
```

Border

The CSS property to change the border of an element to YUV 62.9900, -1.4741, 6.1478 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(70, 60, 60) }
```


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

```
.border{ border-color:rgb(70, 60, 60) }
```

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

Here you see how a box with a 4 pixel rgb(70, 60, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 60, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 60, 60);  
box-shadow:4px 4px 4px 4px rgb(70, 60, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.9900, -1.4741, 6.1478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 60, 60) }
```

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

```
.background{ background-color: rgb(70, 60,  
60) }
```

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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