

Converting Colors

YUV(61.9470, -2.9319, 7.0625)

Have a look what the booklet for
YUV(61.9470, -2.9319, 7.0625)
contains.

YUV(61.9470, -2.9319, 7.0625)	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(61.9470, -2.9319,
7.0625)**

Conversions

Conversions Part 1

Format	Color
Hex	463B38
RGB	70, 59, 56
RGB Percent	27%, 23%, 22%
CMY	0.7255, 0.7686, 0.7804
CMYK	0.00, 0.16, 0.20, 0.73
HSL	13°, 11%, 25%
HSV	13°, 20%, 27%
XYZ	4.8036, 4.7155, 4.3984
YIQ	61.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

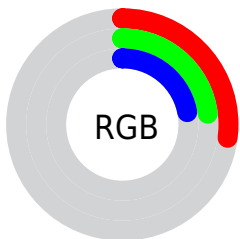
Format	Color
R_{YB}	70, 60, 56
Decimal	4602680
CIE Lab	25.91, 4.22, 3.63
CIE LCh	26, 5.569, 40.713
Yxy	4.7155, 0.3451, 0.3388
Android (android.graphics.Color)	4282792760 (0xFF463B38)
YUV	61.9470, -2.9319, 7.0625
Hunter-Lab	21.7153, 1.4835, 3.1916

Details

The YUV color **61.9470, -2.9319, 7.0625** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **64.0530, 2.9319, -7.0625**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.2460, -3.0793, 7.6773**, and **19.5340, -3.2213, 6.5477** is the 20% darker color. If you saturate the color by 10%, you get **58.2140, -4.5425, 10.3363**, and if you desaturate by 10%, it is **66.2670, -1.6106, 3.2738**.

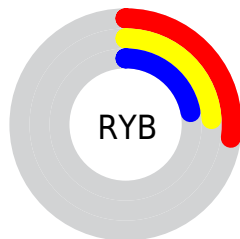
Distribution



Red (27%)

Green (23%)

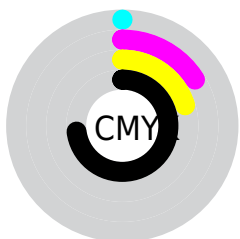
Blue (22%)



Red (27%)

Yellow (24%)

Blue (22%)

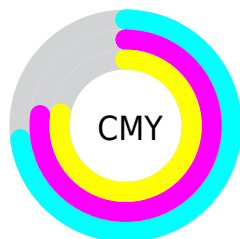


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (73%)



Cyan (73%)

Magenta (77%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.9470, -2.9319, 7.0625 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 61.9470, -2.9319, 7.0625 by changing the saturation by 10% instead.

■ 61.9470, -2.9319,
7.0625

■ 61.9470, -2.9319,
7.0625

■ 255.0000, 0.0000,
0.0000

■ 40.0610, -2.4951,
6.9625

■ 109.2460, -3.0793,
7.6773

■ 19.5340, -3.2213,
6.5477

■ 134.5450, -3.2267,
8.2920

■ 0.0000, 0.0000,
0.0000

■ 160.8440, -3.3741,
8.9068

■ 187.8440, -3.3741,
8.9068

■ 215.7300, -3.8109,
9.0068

■ 244.0290, -3.9583,

9.6216

■ 61.9470, -2.9319,
7.0625

■ 61.9470, -2.9319,
7.0625

■ 58.2140, -4.5425,
10.3363

■ 66.2670, -1.6106,
3.2738

■ 53.8940, -5.8637,
14.1250

■ 70.0000, 0.0000,
0.0000

■ 50.1610, -7.4744,
17.3988

■ 74.3200, 1.3212,
-3.7886

■ 45.8410, -8.7956,
21.1874

■ 78.0530, 2.9319,
-7.0625

■ 42.1080, -10.4062,
24.4613

■ 81.7860, 4.5425,
-10.3363

■ 37.7880, -11.7275,
28.2499

■ 86.1060, 5.8637,
-14.1250

■ 33.4680, -13.0487,
32.0386

■ 90.4260, 7.1850,
-17.9136

■ 29.7350, -14.6594,
35.3124

■ 94.1590, 8.7956,
-21.1874

■ 98.4790, 10.1169,
-24.9761

Harmonies

Analogous

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



61.8160, -0.8953, 7.1774



61.9470, -2.9319, 7.0625



61.2950, -4.0894, 5.0033

Triad

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



61.9470, -2.9319, 7.0625



60.3260, -1.1467, -5.5479



61.4280, 4.2260, -2.1294

Complementary

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



61.9470, -2.9319, 7.0625



64.0530, 2.9319, -7.0625

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.



60.9930, 3.9475, -6.1329



61.9470, -2.9319, 7.0625



59.9990, 1.4795, -7.8921

Square

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



61.9470, -2.9319, 7.0625



60.5930, -2.7573, -2.2741



59.8680, 3.5161, -7.7772



62.1080, 2.9048, 1.6593

Rectangle

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



61.9470, -2.9319, 7.0625



61.2840, -4.0840, 3.2589



59.8680, 3.5161, -7.7772



61.4170, 4.2314, -3.8737

Sweetspot

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



61.9470, -2.9319, 7.0625



88.3810, -1.1738, 3.1739



61.4400, 2.7411, 7.5071



43.8970, -0.4422, 1.8443



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.



61.9470, -2.9319, 7.0625



78.9260, -4.4005, 11.4659



66.0560, -4.9576, 3.4589



33.7830, -0.8790, 1.9443



41.9280, -20.6705, 50.0521



96.6360, -47.6415, 114.3292

Inverse Universe

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



64.0530, 2.9319, -7.0625



82.4870, 4.6899, -10.9511



59.9440, 4.9576, -3.4589



34.2170, 0.8790, -1.9443



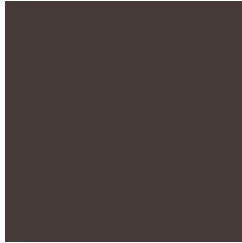
57.0720, 20.6705, -50.0521



130.3640, 47.6415, -114.3292

Previews

White Background



This preview shows how the YUV color 61.9470, -2.9319, 7.0625 looks on a white background.

Color Contrast Check

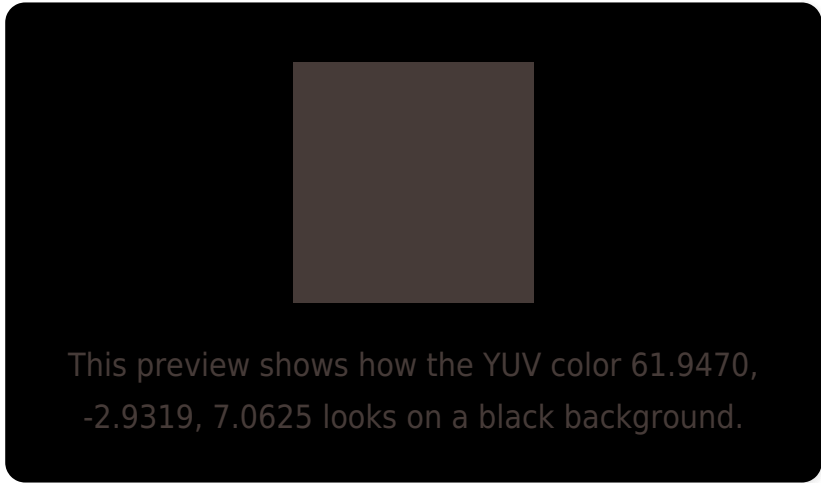
Large Text (above 18pt) WCAG AA ✓ Pass

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

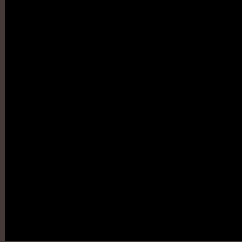
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.9470, -2.9319, 7.0625

Background



This preview shows how black text looks on a background with the YUV color 61.9470, -2.9319, 7.0625.

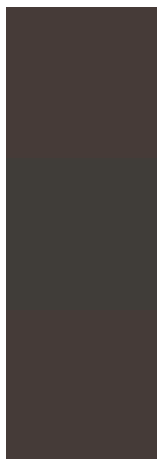


This preview shows how white text looks on a background with the YUV color 61.9470, -2.9319,

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

61.9470, -2.9319, 7.0625

Protanopia

61.4410, -2.1894, 2.2442

Deuteranopia

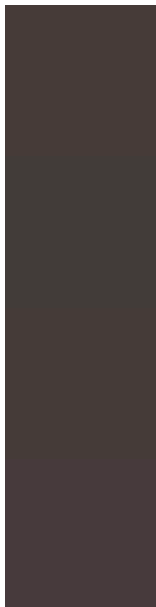
61.6480, -2.7845, 6.4477



Tritanopia

62.4570, 0.2677, 7.4922

Trichromacy



Original Color

61.9470, -2.9319, 7.0625

Protanomaly

61.4520, -2.1948, 3.9886

Deuteranomaly

61.6480, -2.7845, 6.4477

Tritanomaly

62.1150, -1.0427, 7.7921

Monochromacy



Original Color

61.9470, -2.9319, 7.0625

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.0820, -1.0264, 2.5591

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.9470, -2.9319, 7.0625 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, 59, 56)` looks like.

```
.text, #text, p{  
    color:rgb(70, 59, 56)  
}
```

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, 59, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 59, 56) }
```

Border

The CSS property to change the border of an element to YUV 61.9470, -2.9319, 7.0625 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, 59, 56) }
```


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

```
.border{ border-color:rgb(70, 59, 56) }
```

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

Here you see how a box with a 4 pixel rgb(70, 59, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 59, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 59, 56);  
box-shadow:4px 4px 4px 4px rgb(70, 59, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.9470, -2.9319, 7.0625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 59, 56) }
```

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

```
.background{ background-color: rgb(70, 59,  
56) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor