

Converting Colors

YUV(29.9470, -2.9319, 7.0625)

Have a look what the booklet for
YUV(29.9470, -2.9319, 7.0625)
contains.

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Color

**YUV(29.9470, -2.9319,
7.0625)**

Conversions

Conversions Part 1

Format	Color
Hex	261B18
RGB	38, 27, 24
RGB Percent	15%, 11%, 9%
CMY	0.8510, 0.8941, 0.9059
CMYK	0.00, 0.29, 0.37, 0.85
HSL	13°, 23%, 12%
HSV	13°, 37%, 15%
XYZ	1.3561, 1.2619, 1.0362
YIQ	29.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

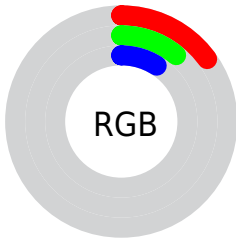
Format	Color
R_{YB}	38, 28, 24
Decimal	2497304
CIE Lab	11.01, 4.86, 4.18
CIE LCh	11, 6.413, 40.662
Yxy	1.2619, 0.3711, 0.3453
Android (android.graphics.Color)	4280687384 (0xFF261B18)
YUV	29.9470, -2.9319, 7.0625
Hunter-Lab	11.2334, 1.8908, 2.3940

Details

The YUV color **29.9470, -2.9319, 7.0625** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **32.0530, 2.9319, -7.0625**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.5450, -3.2267, 8.2920**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.7300, -3.8109, 9.0068**, and if you desaturate by 10%, it is **32.1640, -2.0529, 5.1182**.

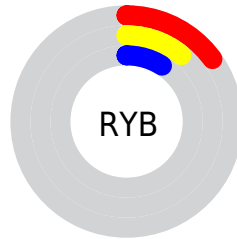
Distribution



Red (15%)

Green (11%)

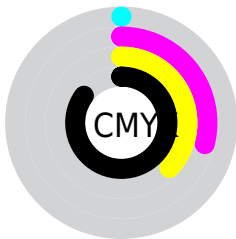
Blue (9%)



Red (15%)

Yellow (11%)

Blue (9%)

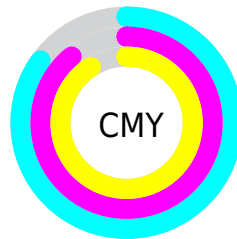


Cyan (0%)

Magenta (29%)

Yellow (37%)

Black (85%)



Cyan (85%)

Magenta (89%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.9470, -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 29.9470, -2.9319, 7.0625 by changing the saturation by 10% instead.

■ 29.9470, -2.9319,
7.0625

■ 29.9470, -2.9319,
7.0625

■ 254.4300, -2.1840,
0.4999

■ 5.0830, -2.5059,
10.4512

■ 73.5450, -3.2267,
8.2920

■ 0.0000, 0.0000,
0.0000

■ 97.7300, -3.8109,
9.0068

■ 122.1430, -3.5215,
9.5216

■ 148.0290, -3.9583,
9.6216

■ 174.9150, -4.3951,
9.7215

■ 202.3280, -4.1057,

10.2363

■ 230.2140, -4.5425,
10.3363

■ 29.9470, -2.9319,
7.0625

■ 29.9470, -2.9319,
7.0625

■ 27.7300, -3.8109,
9.0068

■ 32.1640, -2.0529,
5.1182

■ 25.5130, -4.6899,
10.9511

■ 34.3810, -1.1738,
3.1739

■ 23.4100, -5.1321,
12.7954

■ 36.4840, -0.7316,
1.3295

■ 21.1930, -6.0111,
14.7397

■ 38.7010, 0.1474,
-0.6148

■ 18.9760, -6.8902,
16.6840

■ 40.9180, 1.0264,
-2.5591

■ 16.7590, -7.7692,
18.6284

■ 43.1350, 1.9054,
-4.5034

■ 16.0580, -7.9166,
19.2431

■ 45.3520, 2.7845,
-6.4477

■ 47.4550, 3.2267,
-8.2920

■ 49.6720, 4.1057,
-10.2363

Harmonies

Analogous

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



29.8160, -0.8953, 7.1774



29.9470, -2.9319, 7.0625



29.2950, -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.



29.9470, -2.9319, 7.0625



28.3260, -1.1467, -5.5479



29.4280, 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.



29.9470, -2.9319, 7.0625



32.0530, 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.



28.8080, 4.5317, -6.8476



29.9470, -2.9319, 7.0625



27.7000, 1.6269, -8.5069

Square

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



29.9470, -2.9319, 7.0625



28.5930, -2.7573, -2.2741



28.1560, 3.3741, -8.9068



30.1080, 2.9048, 1.6593

Rectangle

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



29.9470, -2.9319, 7.0625



29.2840, -4.0840, 3.2589



28.1560, 3.3741, -8.9068



29.4170, 4.2314, -3.8737

Sweetspot

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



29.9470, -2.9319, 7.0625



45.0820, -1.0264, 2.5591



29.4400, 2.7411, 7.5071



23.7830, -0.8790, 1.9443



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



29.9470, -2.9319, 7.0625



36.2140, -4.5425, 10.3363



34.0560, -4.9576, 3.4589



16.5980, -0.2948, 1.2296



34.4970, -17.0070, 41.6601



88.9060, -43.8307, 105.3224

Inverse Universe

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



32.0530, 2.9319, -7.0625



39.3730, 4.2531, -10.8511



27.9440, 4.9576, -3.4589



16.8150, 0.5842, -0.7148



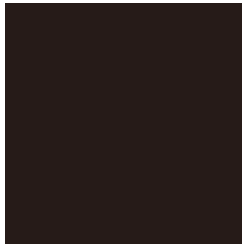
46.9160, 17.2964, -41.1453



120.0940, 43.8307, -105.3224

Previews

White Background



This preview shows how the YUV color 29.9470, -2.9319, 7.0625 looks on a white background.

Color Contrast Check

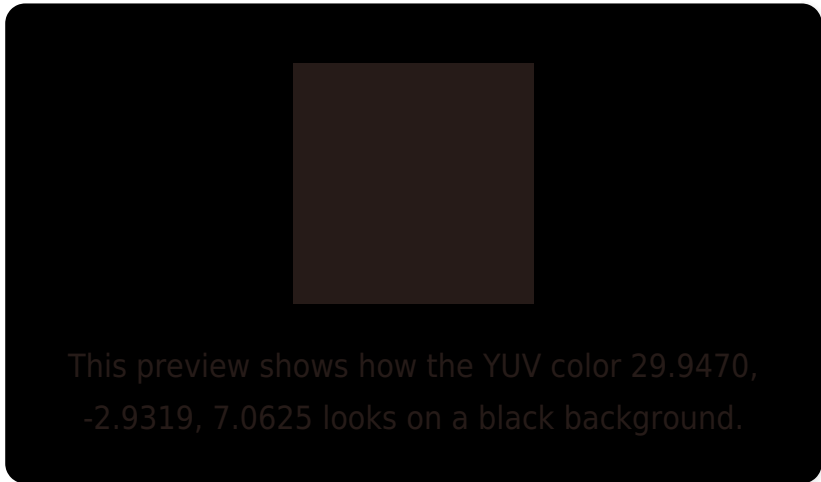
Large Text (above 18pt) WCAG AA ✓ Pass

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

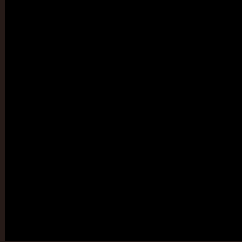
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.9470, -2.9319, 7.0625

Background



This preview shows how black text looks on a background with the YUV color 29.9470, -2.9319, 7.0625.



This preview shows how white text looks on a background with the YUV color 29.9470, -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

29.9470, -2.9319, 7.0625

Protanopia

29.7290, -2.3314, 1.1147

Deuteranopia

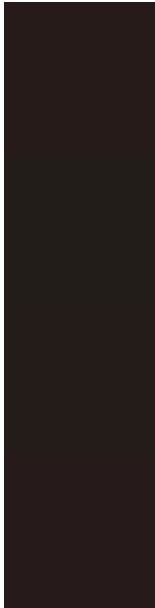
30.2240, -3.0684, 4.1886



Tritanopia

29.8160, -0.8953, 7.1774

Trichromacy



Original Color

29.9470, -2.9319, 7.0625

Protanomaly

30.0390, -2.4842, 3.4738

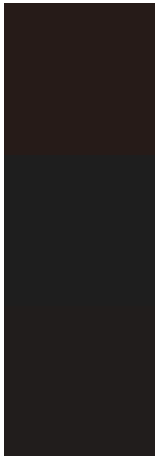
Deuteranomaly

29.9360, -2.9264, 5.3181

Tritanomaly

29.7020, -1.3321, 7.2773

Monochromacy



Original Color

29.9470, -2.9319, 7.0625

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.0820, -1.0264, 2.5591

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.9470, -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(38, 27, 24)` looks like.

```
.text, #text, p{  
    color:rgb(38, 27, 24)  
}
```

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(38, 27, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 27, 24) }
```

Border

The CSS property to change the border of an element to YUV 29.9470, -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(38, 27, 24) }
```


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

```
.border{ border-color:rgb(38, 27, 24) }
```

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

Here you see how a box with a 4 pixel rgb(38, 27, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 27, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 27, 24);  
box-shadow:4px 4px 4px 4px rgb(38, 27, 24)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.9470, -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(38, 27, 24) }
```

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

```
.background{ background-color: rgb(38, 27,  
24) }
```

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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