

Converting Colors

YUV(29.4770, -13.5462, 4.8437)

Have a look what the booklet for
YUV(29.4770, -13.5462, 4.8437)
contains.

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Color

**YUV(29.4770, -13.5462,
4.8437)**

Conversions

Conversions Part 1

Format	Color
Hex	232002
RGB	35, 32, 2
RGB Percent	14%, 13%, 1%
CMY	0.8627, 0.8745, 0.9922
CMYK	0.00, 0.09, 0.94, 0.86
HSL	55°, 89%, 7%
HSV	55°, 94%, 14%
XYZ	1.2206, 1.3947, 0.2623
YIQ	29.4770, 11.4180, -8.6940

Conversions

Conversions Part 2

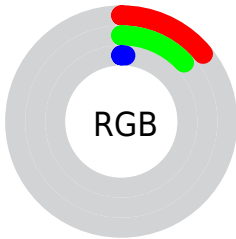
Format	Color
R _Y B	5, 35, 2
Decimal	2301954
CIE Lab	11.92, -3.27, 16.80
CIE LCh	12, 17.119, 101.002
Yxy	1.3947, 0.4242, 0.4847
Android (android.graphics.Color)	4280492034 (0xFF232002)
YUV	29.4770, -13.5462, 4.8437
Hunter-Lab	11.8099, -2.2185, 6.9500

Details

The YUV color **29.4770, -13.5462, 4.8437** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **7.5230, 13.5462, -4.8437**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.1180, -12.3832, 5.1585**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.2490, -14.4198, 5.0436**, and if you desaturate by 10%, it is **29.9330, -11.7990, 4.4438**.

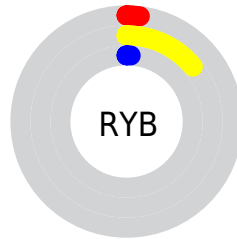
Distribution



Red (14%)

Green (13%)

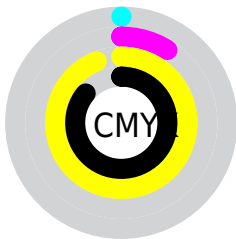
Blue (1%)



Red (2%)

Yellow (14%)

Blue (1%)

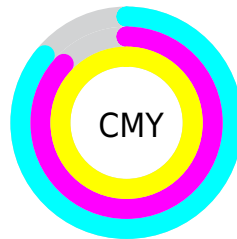


Cyan (0%)

Magenta (9%)

Yellow (94%)

Black (86%)



Cyan (86%)

Magenta (87%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.4770, -13.5462, 4.8437 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 29.4770, -13.5462, 4.8437 by changing the saturation by 10% instead.

■ 29.4770, -13.5462,
4.8437

■ 29.4770, -13.5462,
4.8437

■ 251.9220,
-11.7935, 2.6994

■ 5.8810, -2.8993,
-3.4036

■ 74.1180, -12.3832,
5.1585

■ 0.0000, 0.0000,
0.0000

■ 97.8900, -13.2568,
5.3585


■ 122.7760,
-13.6936, 5.4584


■ 148.3740,
-13.9884, 6.6880


■ 175.2600,
-14.4252, 6.7880


■ 202.1460,


-14.8620, 6.8880


 231.0320,
-15.2988, 6.9879


 29.4770, -13.5462,
4.8437


 29.4770, -13.5462,
4.8437


 29.2490, -14.4198,
5.0436

 29.9330, -11.7990,
4.4438

 30.8620, -10.7780,
3.6290

 31.3180, -9.0308,
3.2291

 31.6600, -7.7204,
2.9292

 32.7030, -6.2626,
2.0145

■ 33.0450, -4.9522,
1.7145

■ 33.5010, -3.2050,
1.3146

■ 34.4300, -2.1840,
0.4999

■ 34.8860, -0.4368,
0.1000

Harmonies

Analogous

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



30.3470, -12.9891, 12.8507



29.4770, -13.5462, 4.8437



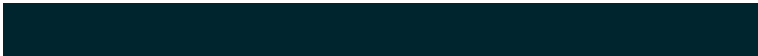
28.3770, -8.5669, -5.5926

Triad

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



29.4770, -13.5462, 4.8437



26.9630, 9.3852, -23.6466



32.0110, 3.4456, 14.8994

Complementary

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



29.4770, -13.5462, 4.8437



7.5230, 13.5462, -4.8437

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.



32.7970, 7.9881, 4.5630



29.4770, -13.5462, 4.8437



26.5870, 13.0216, -23.3168

Square

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



29.4770, -13.5462, 4.8437



25.7090, 4.5805, -22.5468



30.0340, 11.8152, -9.6768



31.2520, -2.0962, 19.0730

Rectangle

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



29.4770, -13.5462, 4.8437



26.2880, -3.5930, -14.2846



30.0340, 11.8152, -9.6768



32.7440, 5.0562, 11.6255

Sweetspot

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



29.4770, -13.5462, 4.8437



43.9310, -5.3890, 1.8145



12.2090, -3.5540, 19.9877



21.5010, -3.2050, 1.3146



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



29.4770, -13.5462, 4.8437



38.4080, -18.9351, 6.6582



27.3510, -12.4980, -4.6928



17.7720, -0.8736, 0.2000



67.9560, -33.5023, 12.3166



174.0210, -85.7924, 30.6766

Inverse Universe

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



7.5230, 13.5462, -4.8437



7.5920, 18.9351, -6.6582



9.6490, 12.4980, 4.6928



16.2280, 0.8736, -0.2000



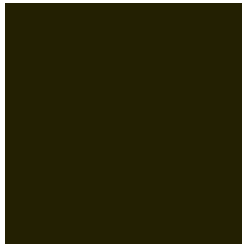
13.4570, 33.7917, -11.8018



34.9790, 85.7924, -30.6766

Previews

White Background



This preview shows how the YUV color 29.4770, -13.5462, 4.8437 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

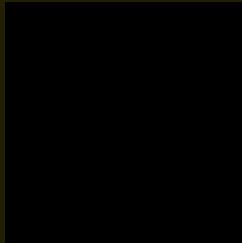
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.4770, -13.5462, 4.8437

Background



This preview shows how black text looks on a background with the YUV color 29.4770, -13.5462, 4.8437.

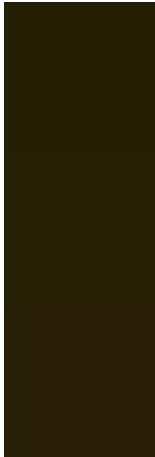


This preview shows how white text looks on a background with the YUV color 29.4770, -13.5462,

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

29.4770, -13.5462, 4.8437

Protanopia

29.7760, -13.6936, 5.4584

Deuteranopia

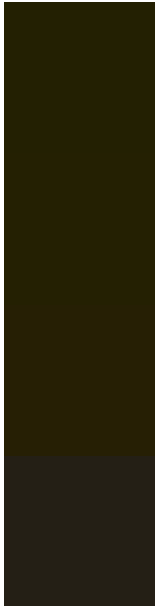
30.1400, -12.3940, 8.6472



Tritanopia

32.3210, -0.1583, 4.1035

Trichromacy



Original Color

29.4770, -13.5462, 4.8437

Protanomaly

29.7760, -13.6936, 5.4584

Deuteranomaly

30.0150, -12.8254, 7.0028

Tritanomaly

31.3550, -5.1050, 4.0737

Monochromacy



Original Color

29.4770, -13.5462, 4.8437

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.0450, -4.9522, 1.7145

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.4770, -13.5462, 4.8437 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(35, 32, 2)` looks like.

```
.text, #text, p{  
    color:rgb(35, 32, 2)  
}
```

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(35, 32, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 32, 2) }
```

Border

The CSS property to change the border of an element to YUV 29.4770, -13.5462, 4.8437 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(35, 32, 2) }
```


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

```
.border{ border-color:rgb(35, 32, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 32, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 32, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(35, 32, 2); box-shadow:4px  
4px 4px 4px rgb(35, 32, 2) }
```

Background

The CSS property to change the background color of an element to YUV 29.4770, -13.5462, 4.8437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 32, 2) }
```

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

```
.background{ background-color: rgb(35, 32,  
2) }
```

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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