

Converting Colors

YUV(31.5350, -4.7008, 14.4398)

Have a look what the booklet for
YUV(31.5350, -4.7008, 14.4398)
contains.

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Color

**YUV(31.5350, -4.7008,
14.4398)**

Conversions

Conversions Part 1

Format	Color
Hex	301916
RGB	48, 25, 22
RGB Percent	19%, 10%, 9%
CMY	0.8118, 0.9020, 0.9137
CMYK	0.00, 0.48, 0.54, 0.81
HSL	7°, 37%, 14%
HSV	7°, 54%, 19%
XYZ	1.7114, 1.3816, 0.9355
YIQ	31.5350, 14.6710, 3.9430

Conversions

Conversions Part 2

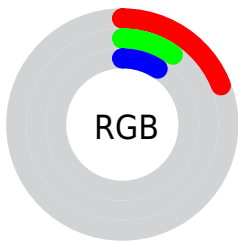
Format	Color
RYB	48, 25, 22
Decimal	3152150
CIELab	11.83, 11.07, 7.02
CIElCh	12, 13.114, 32.381
Yxy	1.3816, 0.4248, 0.3430
Android (android.graphics.Color)	4281342230 (0xFF301916)
YUV	31.5350, -4.7008, 14.4398
Hunter-Lab	11.7540, 5.4199, 3.5088

Details

The YUV color **31.5350, -4.7008, 14.4398** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **38.4650, 4.7008, -14.4398**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.9160, -5.8746, 17.6137**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.6170, -5.7272, 16.9989**, and if you desaturate by 10%, it is **34.4530, -3.6743, 11.8807**.

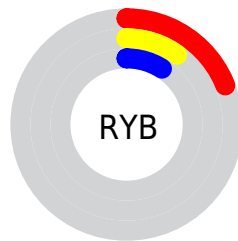
Distribution



Red (19%)

Green (10%)

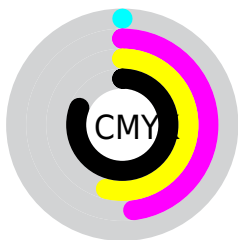
Blue (9%)



Red (19%)

Yellow (10%)

Blue (9%)

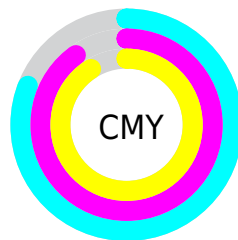


Cyan (0%)

Magenta (48%)

Yellow (54%)

Black (81%)



Cyan (81%)

Magenta (90%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.5350, -4.7008, 14.4398 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 31.5350, -4.7008, 14.4398 by changing the saturation by 10% instead.

■ 31.5350, -4.7008,
14.4398

■ 31.5350, -4.7008,
14.4398

■ 252.9140, -2.9156,
1.8294

■ 8.3720, -4.1274,
17.2138

■ 75.9160, -5.8746,
17.6137

■ 0.0000, 0.0000,
0.0000

■ 100.2150, -6.0220,
18.2284

■ 125.4000, -6.6062,
18.9432

■ 150.9980, -6.9010,
20.1728

■ 177.9980, -6.9010,
20.1728

■ 205.5960, -7.1958,

21.4023

■ 232.6990, -6.7536,
19.5580

■ 31.5350, -4.7008,
14.4398

■ 31.5350, -4.7008,
14.4398

■ 28.6170, -5.7272,
16.9989

■ 34.4530, -3.6743,
11.8807

■ 25.6990, -6.7536,
19.5580

■ 37.3710, -2.6479,
9.3216

■ 22.3080, -7.0538,
22.5319

■ 40.7620, -2.3477,
6.3477

■ 19.3900, -8.0803,
25.0910

■ 43.6800, -1.3212,
3.7886

■ 17.8740, -8.8119,
26.4205

■ 46.5980, -0.2948,
1.2296

■ 49.5160, 0.7316,
-1.3295

■ 53.0210, 1.4686,
-4.4034

■ 55.8250, 2.0583,
-6.8625

■ 58.7430, 3.0847,
-9.4216

Harmonies

Analogous

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



31.9740, -0.4802, 14.0548



31.5350, -4.7008, 14.4398



31.1880, -8.4737, 11.2361

Triad

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



31.5350, -4.7008, 14.4398



27.9510, -2.4408, -10.4810



30.0510, 9.3419, -9.6917

Complementary

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



31.5350, -4.7008, 14.4398



38.4650, 4.7008, -14.4398

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.



26.2130, 10.2480, -20.3578



31.5350, -4.7008, 14.4398



25.9760, 2.9698, -19.2730

Square

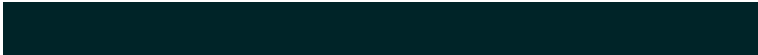
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



31.5350, -4.7008, 14.4398



29.1540, -6.9779, -1.8891



25.6920, 7.0538, -22.5319



32.1340, 6.8359, 0.7595

Rectangle

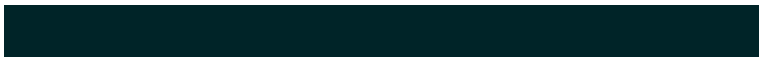
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



31.5350, -4.7008, 14.4398



30.5250, -9.6258, 7.4326



25.6920, 7.0538, -22.5319



28.8440, 9.9369, -13.8952

Sweetspot

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



31.5350, -4.7008, 14.4398



55.1640, -2.0529, 5.1182



32.3960, 6.2138, 13.6847



26.7940, -0.8844, 3.6887



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



31.5350, -4.7008, 14.4398



35.8950, -7.3432, 22.0171



39.1660, -8.4628, 7.7474



21.5980, -0.2948, 1.2296



31.8830, -15.7183, 48.3376



78.6610, -38.7799, 118.6923

Inverse Universe

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



38.4650, 4.7008, -14.4398



46.6920, 7.0538, -22.5319



30.8340, 8.4628, -7.7474



22.4020, 0.2948, -1.2296



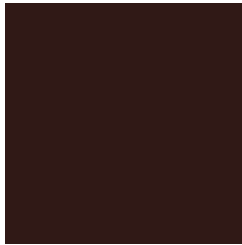
55.1170, 15.7183, -48.3376



135.3390, 38.7799, -118.6923

Previews

White Background



This preview shows how the YUV color 31.5350, -4.7008, 14.4398 looks on a white background.

Color Contrast Check

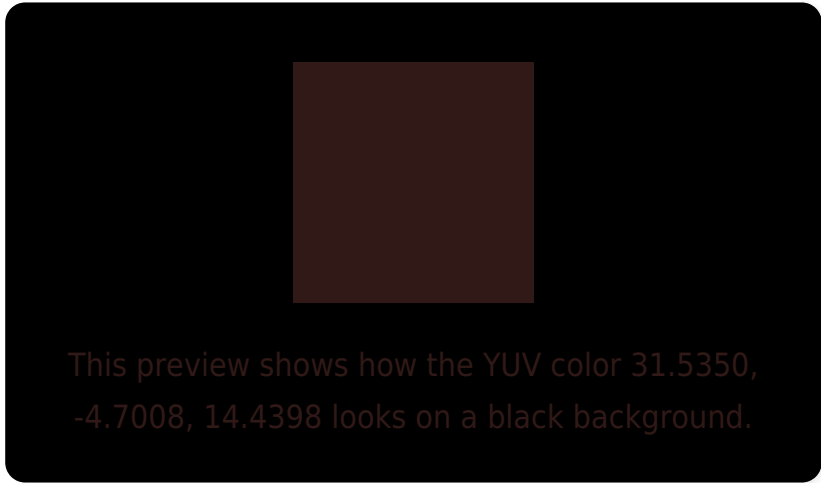
Large Text (above 18pt) WCAG AA ✓ Pass

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

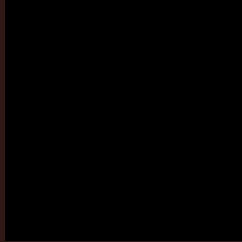
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.5350, -4.7008, 14.4398

Background



This preview shows how black text looks on a background with the YUV color 31.5350, -4.7008, 14.4398.



This preview shows how white text looks on a background with the YUV color 31.5350, -4.7008,

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

31.5350, -4.7008, 14.4398

Protanopia

31.8000, -3.3524, 1.9294

Deuteranopia

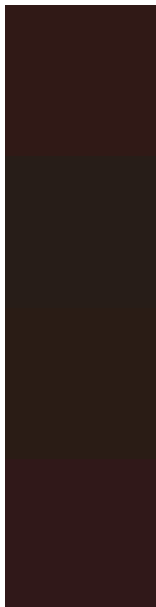
31.3660, -5.1104, 5.8180



Tritanopia

31.4040, -2.6642, 14.5547

Trichromacy



Original Color

31.5350, -4.7008, 14.4398

Protanomaly

31.4200, -3.6581, 6.6477

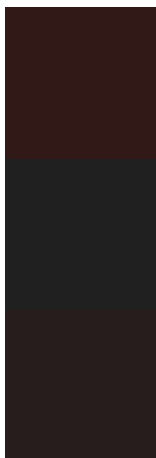
Deuteranomaly

31.3880, -5.1213, 9.3067

Tritanomaly

31.2900, -3.1010, 14.6547

Monochromacy



Original Color

31.5350, -4.7008, 14.4398

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.5770, -1.7635, 5.6330

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.5350, -4.7008, 14.4398 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(48, 25, 22)` looks like.

```
.text, #text, p{  
    color:rgb(48, 25, 22)  
}
```

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(48, 25, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 25, 22) }
```

Border

The CSS property to change the border of an element to YUV 31.5350, -4.7008, 14.4398 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(48, 25, 22) }
```


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

```
.border{ border-color:rgb(48, 25, 22) }
```

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

Here you see how a box with a 4 pixel rgb(48, 25, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 25, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 25, 22);  
box-shadow:4px 4px 4px 4px rgb(48, 25, 22)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.5350, -4.7008, 14.4398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 25, 22) }
```

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

```
.background{ background-color: rgb(48, 25,  
22) }
```

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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