

Converting Colors

YUV(33.0150, -12.8254, 7.0028)

Have a look what the booklet for
YUV(33.0150, -12.8254, 7.0028)
contains.

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Color

**YUV(33.0150, -12.8254,
7.0028)**

Conversions

Conversions Part 1

Format	Color
Hex	292207
RGB	41, 34, 7
RGB Percent	16%, 13%, 3%
CMY	0.8392, 0.8667, 0.9725
CMYK	0.00, 0.17, 0.83, 0.84
HSL	48°, 71%, 9%
HSV	48°, 83%, 16%
XYZ	1.5248, 1.6308, 0.4354
YIQ	33.0150, 12.8390, -6.9130

Conversions

Conversions Part 2

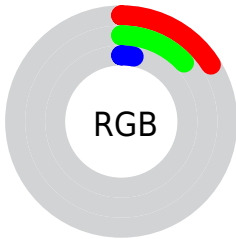
Format	Color
R_YB	16, 41, 7
Decimal	2695687
CIE Lab	13.42, -0.69, 16.90
CIE LCh	13, 16.918, 92.341
Yxy	1.6308, 0.4246, 0.4541
Android (android.graphics.Color)	4280885767 (0xFF292207)
YUV	33.0150, -12.8254, 7.0028
Hunter-Lab	12.7703, -1.0344, 6.9176

Details

The YUV color **33.0150, -12.8254, 7.0028** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **14.9850, 12.8254, -7.0028**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.7270, -12.6834, 8.1324**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.9720, -14.2832, 7.9176**, and if you desaturate by 10%, it is **34.0580, -11.3676, 6.0881**.

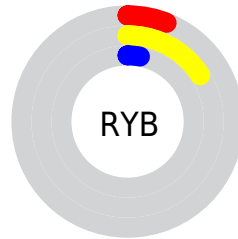
Distribution



Red (16%)

Green (13%)

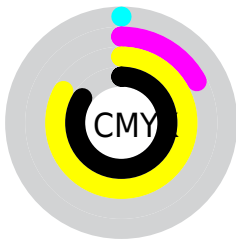
Blue (3%)



Red (6%)

Yellow (16%)

Blue (3%)

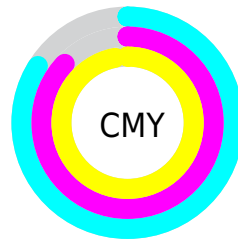


Cyan (0%)

Magenta (17%)

Yellow (83%)

Black (84%)



Cyan (84%)

Magenta (87%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.0150, -12.8254, 7.0028 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 33.0150, -12.8254, 7.0028 by changing the saturation by 10% instead.

■ 33.0150, -12.8254,
7.0028

■ 33.0150, -12.8254,
7.0028

■ 252.3780,
-10.0464, 2.2995

■ 11.8280, -5.8312,
3.6588

■ 77.7270, -12.6834,
8.1324

■ 0.0000, 0.0000,
0.0000

■ 101.9120,
-13.2676, 8.8472


■ 127.0970,
-13.8518, 9.5619


■ 152.9830,
-14.2886, 9.6619


■ 179.7550,
-15.1622, 9.8619


■ 207.0540,


-15.3096, 10.4766


 235.3530,
-15.4570, 11.0914


 33.0150, -12.8254,
7.0028


 33.0150, -12.8254,
7.0028


 31.9720, -14.2832,
7.9176


 34.0580, -11.3676,
6.0881

 31.6300, -15.5936,
8.2175

 35.1010, -9.9098,
5.1734

 36.1440, -8.4520,
4.2587

 36.6000, -6.7048,
3.8588

 37.6430, -5.2470,
2.9441

■ 38.8000, -3.3524,
1.9294

■ 39.8430, -1.8946,
1.0147

■ 40.8860, -0.4368,
0.1000

■ 41.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



33.9280, -10.8105, 14.0951



33.0150, -12.8254, 7.0028



31.8720, -9.3039, -2.5187

Triad

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



33.0150, -12.8254, 7.0028



28.8380, 8.9539, -25.2909



36.0430, 4.9088, 12.2403

Complementary

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



33.0150, -12.8254, 7.0028



14.9850, 12.8254, -7.0028

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.



35.1170, 9.3093, 0.7744



33.0150, -12.8254, 7.0028



28.5760, 13.0270, -25.0612

Square

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



33.0150, -12.8254, 7.0028



27.4700, 3.7123, -24.0912



31.9410, 12.8471, -13.9803



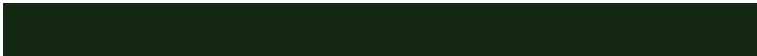
35.2950, -0.6384, 18.1583

Rectangle

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



33.0150, -12.8254, 7.0028



30.7400, -5.7878, -10.2960



31.9410, 12.8471, -13.9803



35.7760, 6.5194, 8.9664

Sweetspot

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



33.0150, -12.8254, 7.0028



50.6430, -5.2470, 2.9441



17.9640, -1.9543, 20.2026



25.9140, -2.9156, 1.8294



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



33.0150, -12.8254, 7.0028



41.3870, -20.4038, 11.0616



34.1340, -13.3771, -2.7485



19.7720, -0.8736, 0.2000



64.4450, -31.7714, 17.1497



162.0040, -79.8680, 43.8465

Inverse Universe

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



14.9850, 12.8254, -7.0028



12.6130, 20.4038, -11.0616



13.8660, 13.3771, 2.7485



18.8150, 0.5842, -0.7148



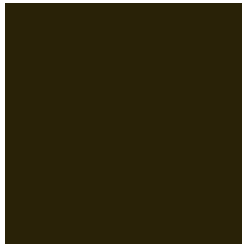
19.5550, 31.7714, -17.1497



49.9960, 79.8680, -43.8465

Previews

White Background



This preview shows how the YUV color 33.0150, -12.8254, 7.0028 looks on a white background.

Color Contrast Check

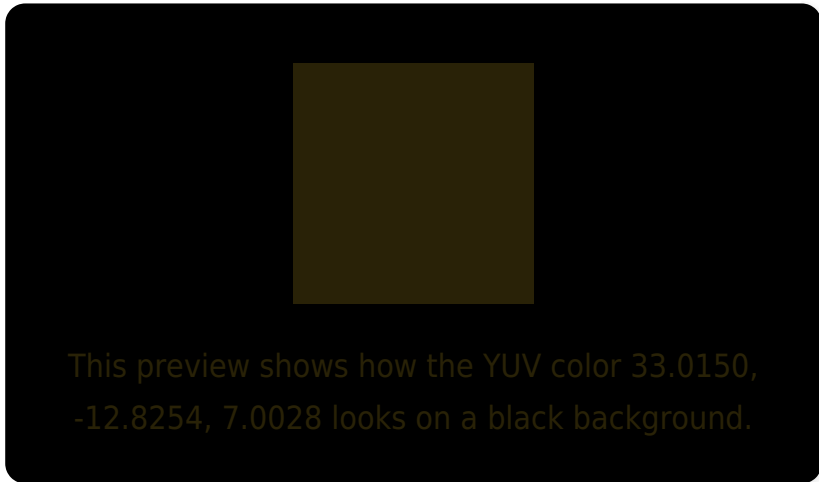
Large Text (above 18pt) WCAG AA ✓ Pass

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

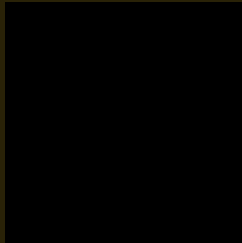
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.0150, -12.8254, 7.0028

Background



This preview shows how black text looks on a background with the YUV color 33.0150, -12.8254, 7.0028.

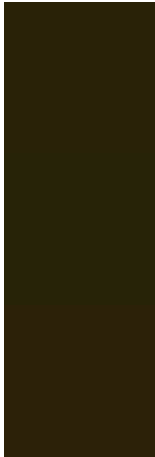


This preview shows how white text looks on a background with the YUV color 33.0150, -12.8254,

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

33.0150, -12.8254, 7.0028

Protanopia

33.0040, -12.8200, 5.2585

Deuteranopia

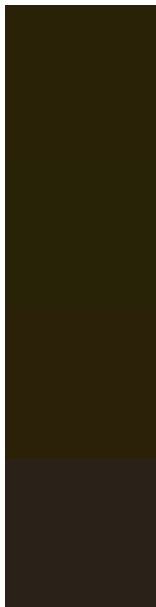
33.4390, -12.5414, 9.2620



Tritanopia

35.5170, -0.7479, 6.5626

Trichromacy



Original Color

33.0150, -12.8254, 7.0028

Protanomaly

33.3030, -12.9674, 5.8733

Deuteranomaly

33.1400, -12.3940, 8.6472

Tritanomaly

34.6650, -5.2578, 6.4328

Monochromacy



Original Color

33.0150, -12.8254, 7.0028

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.8710, -4.3734, 2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.0150, -12.8254, 7.0028 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(41, 34, 7)` looks like.

```
.text, #text, p{  
    color:rgb(41, 34, 7)  
}
```

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(41, 34, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 34, 7) }
```

Border

The CSS property to change the border of an element to YUV 33.0150, -12.8254, 7.0028 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(41, 34, 7) }
```


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

```
.border{ border-color:rgb(41, 34, 7) }
```

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

Here you see how a box with a 4 pixel rgb(41, 34, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 34, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(41, 34, 7); box-shadow:4px  
4px 4px 4px rgb(41, 34, 7) }
```

Background

The CSS property to change the background color of an element to YUV 33.0150, -12.8254, 7.0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 34, 7) }
```

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

```
.background{ background-color: rgb(41, 34,  
7) }
```

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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