

Converting Colors

YUV(30.6750, -7.2348, -12.8700)

Have a look what the booklet for
YUV(30.6750, -7.2348, -12.8700)
contains.

YUV(30.6750, -7.2348, -12.8700)	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(30.6750, -7.2348,
-12.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	102910
RGB	16, 41, 16
RGB Percent	6%, 16%, 6%
CMY	0.9373, 0.8392, 0.9373
CMYK	0.61, 0.00, 0.61, 0.84
HSL	120°, 44%, 11%
HSV	120°, 61%, 16%
XYZ	1.1002, 1.7334, 0.7668
YIQ	30.6750, -6.8750, -13.0750

Conversions

Conversions Part 2

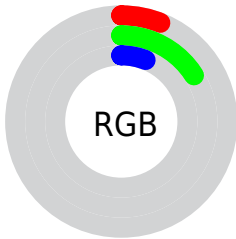
Format	Color
RYB	16, 41, 41
Decimal	1059088
CIELab	14.02, -16.30, 13.21
CIELCh	14, 20.977, 140.983
Yxy	1.7334, 0.3056, 0.4815
Android (android.graphics.Color)	4279249168 (0xFF102910)
YUV	30.6750, -7.2348, -12.8700
Hunter-Lab	13.1660, -8.1252, 5.7631

Details

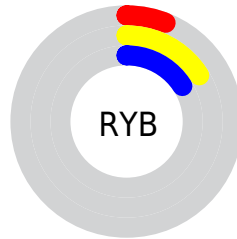
The YUV color **30.6750, -7.2348, -12.8700** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **26.3250, 7.2348, 12.8700**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.7350, -8.2504, -13.7996**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.0230, -8.3923, -14.9292**, and if you desaturate by 10%, it is **32.3270, -6.0772, -10.8108**.

Distribution



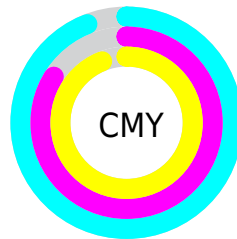
- Red (6%)
- Green (16%)
- Blue (6%)



- Red (6%)
- Yellow (16%)
- Blue (16%)



- Cyan (61%)
- Magenta (0%)
- Yellow (61%)
- Black (84%)



- Cyan (94%)
- Magenta (84%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.6750, -7.2348, -12.8700 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 30.6750, -7.2348, -12.8700 by changing the saturation by 10% instead.

■ 30.6750, -7.2348,
-12.8700

■ 30.6750, -7.2348,
-12.8700

■ 250.0010, -4.9305,
-5.2629

■ 12.9140, -6.3666,
-11.3256

■ 75.7350, -8.2504,
-13.7996

■ 0.0000, 0.0000,
0.0000

■ 99.6210, -8.6872,
-13.6996


■ 124.2080, -8.9765,
-14.2144


■ 150.6810, -9.7027,
-14.6292


■ 177.2680, -9.9921,
-15.1440


■ 204.8550,


-10.2815, -15.6588


 232.8550,
-10.2815, -15.6588


 30.6750, -7.2348,
-12.8700


 30.6750, -7.2348,
-12.8700


 29.0230, -8.3923,
-14.9292


 32.3270, -6.0772,
-10.8108


 27.3710, -9.5499,
-16.9884


 33.9790, -4.9196,
-8.7516

 25.7190, -10.7075,
-19.0476

 35.6310, -3.7621,
-6.6924

 24.0670, -11.8650,
-21.1068

 37.2830, -2.6045,
-4.6332

 39.3480, -1.1576,
-2.0592

■ 41.0000, 0.0000,
0.0000

■ 42.6520, 1.1576,
2.0592

■ 44.3040, 2.3151,
4.1184

■ 45.9560, 3.4727,
6.1776

Harmonies

Analogous

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



32.7000, -15.1351, 1.1401



30.6750, -7.2348, -12.8700



28.7750, 1.0969, -25.2357

Triad

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



30.6750, -7.2348, -12.8700



30.3030, 17.1056, -26.5757



35.3020, -4.5859, 24.2911

Complementary

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



30.6750, -7.2348, -12.8700



26.3250, 7.2348, 12.8700

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.



36.1150, 2.4083, 20.9471



30.6750, -7.2348, -12.8700



35.8110, 13.4042, -5.9732

Square

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



30.6750, -7.2348, -12.8700



31.2660, 13.1799, -27.4203



36.6560, 8.5506, 10.8257



35.1460, -11.4110, 20.0430

Rectangle

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



30.6750, -7.2348, -12.8700



29.9150, 5.4649, -26.2355



36.6560, 8.5506, 10.8257



35.2850, -2.1125, 24.3061

Sweetspot

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



30.6750, -7.2348, -12.8700



49.8700, -2.8939, -5.1480



38.1500, -10.9200, 2.4995



25.5220, -1.7363, -3.0888



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.



30.6750, -7.2348, -12.8700



37.4800, -11.5756, -20.5920



32.0430, -1.9932, -14.0697



19.1740, -0.5788, -1.0296



49.3080, -24.3088, -43.2431



124.4440, -61.3509, -109.1374

Inverse Universe

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



26.3250, 7.2348, 12.8700



30.5200, 11.5756, 20.5920



24.8430, 1.5564, 14.1697



18.8260, 0.5788, 1.0296



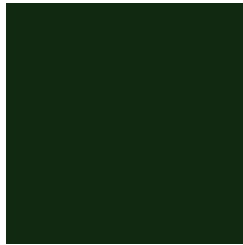
34.6920, 24.3088, 43.2431



87.5560, 61.3509, 109.1374

Previews

White Background



This preview shows how the YUV color 30.6750, -7.2348, -12.8700 looks on a white background.

Color Contrast Check

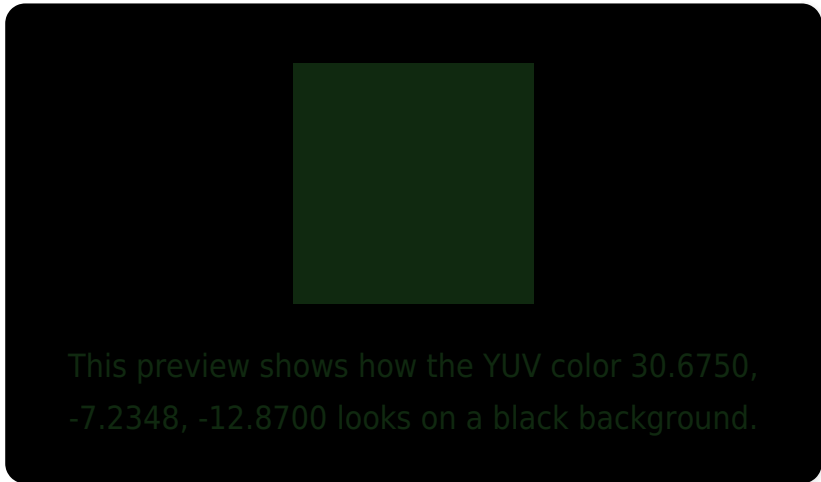
Large Text (above 18pt) WCAG AA ✓ Pass

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

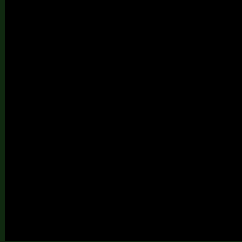
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.6750, -7.2348, -12.8700

Background



This preview shows how black text looks on a background with the YUV color 30.6750, -7.2348, -12.8700.



This preview shows how white text looks on a background with the YUV color 30.6750, -7.2348,

-12.8700.

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

30.6750, -7.2348, -12.8700

Protanopia

34.6880, -10.1992, 4.6586

Deuteranopia

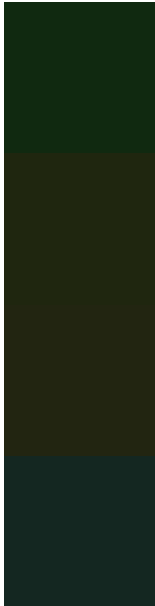
35.1660, -8.4628, 7.7474



Tritanopia

33.6720, 4.1057, -10.2363

Trichromacy



Original Color

30.6750, -7.2348, -12.8700

Protanomaly

33.2850, -9.0145, -2.0039

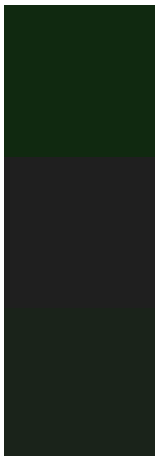
Deuteranomaly

33.8230, -8.2937, 0.1552

Tritanomaly

32.6350, 0.1799, -11.0809

Monochromacy



Original Color

30.6750, -7.2348, -12.8700

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.2830, -2.6045, -4.6332

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.6750, -7.2348, -12.8700 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(16, 41, 16)` looks like.

```
.text, #text, p{  
    color:rgb(16, 41, 16)  
}
```

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(16, 41, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 41, 16) }
```

Border

The CSS property to change the border of an element to YUV 30.6750, -7.2348, -12.8700 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(16, 41, 16) }
```


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

```
.border{ border-color:rgb(16, 41, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 41, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 41, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 41, 16);  
box-shadow:4px 4px 4px 4px rgb(16, 41, 16)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.6750, -7.2348, -12.8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 41, 16) }
```

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

```
.background{ background-color: rgb(16, 41,  
16) }
```

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