

Converting Colors

YUV(32.6750, -7.2348, -12.8700)

Have a look what the booklet for
YUV(32.6750, -7.2348, -12.8700)
contains.

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Color

**YUV(32.6750, -7.2348,
-12.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	122B12
RGB	18, 43, 18
RGB Percent	7%, 17%, 7%
CMY	0.9294, 0.8314, 0.9294
CMYK	0.58, 0.00, 0.58, 0.83
HSL	120°, 41%, 12%
HSV	120°, 58%, 17%
XYZ	1.2225, 1.9000, 0.8746
YIQ	32.6750, -6.8750, -13.0750

Conversions

Conversions Part 2

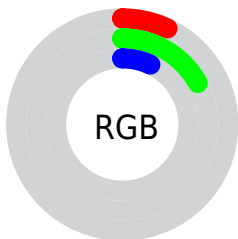
Format	Color
RYB	18, 43, 43
Decimal	1190674
CIELab	14.95, -16.27, 13.27
CIELCh	15, 20.998, 140.795
Yxy	1.9000, 0.3058, 0.4753
Android (android.graphics.Color)	4279380754 (0xFF122B12)
YUV	32.6750, -7.2348, -12.8700
Hunter-Lab	13.7841, -8.2911, 5.8871

Details

The YUV color **32.6750, -7.2348, -12.8700** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **28.3250, 7.2348, 12.8700**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.7350, -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 **31.0230, -8.3923, -14.9292**, and if you desaturate by 10%, it is **34.3270, -6.0772, -10.8108**.

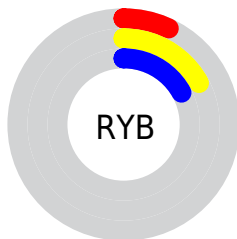
Distribution



Red (7%)

Green (17%)

Blue (7%)



Red (7%)

Yellow (17%)

Blue (17%)

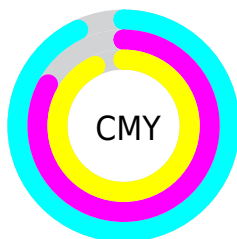


Cyan (58%)

Magenta (0%)

Yellow (58%)

Black (83%)



Cyan (93%)

Magenta (83%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.6750, -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 32.6750, -7.2348, -12.8700 by changing the saturation by 10% instead.

■ 32.6750, -7.2348,
-12.8700

■ 32.6750, -7.2348,
-12.8700

■ 251.2400, -4.0623,
-3.7185

■ 14.0880, -6.9454,
-12.3552

■ 77.7350, -8.2504,
-13.7996

■ 0.0000, 0.0000,
0.0000

■ 101.6210, -8.6872,
-13.6996

■ 127.0940, -9.4133,
-14.1144

■ 152.6810, -9.7027,
-14.6292

■ 179.6810, -9.7027,
-14.6292

■ 207.2680, -9.9921,

-15.1440

■ 235.7410,
-10.7183, -15.5589

■ 32.6750, -7.2348,
-12.8700

■ 32.6750, -7.2348,
-12.8700

■ 31.0230, -8.3923,
-14.9292

■ 34.3270, -6.0772,
-10.8108

■ 28.9580, -9.8393,
-17.5032

■ 36.3920, -4.6303,
-8.2368

■ 27.3060, -10.9969,
-19.5624

■ 38.0440, -3.4727,
-6.1776

■ 25.6540, -12.1544,
-21.6216

■ 39.6960, -2.3151,
-4.1184

■ 25.2410, -12.4438,
-22.1364

■ 41.7610, -0.8682,
-1.5444

■ 43.4130, 0.2894,
0.5148

■ 45.0650, 1.4470,
2.5740

■ 46.7170, 2.6045,
4.6332

■ 48.7820, 4.0515,
7.2072

Harmonies

Analogous

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



34.8140, -14.6983, 1.0401



32.6750, -7.2348, -12.8700



30.0630, 0.9549, -26.3653

Triad

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



32.6750, -7.2348, -12.8700



31.7050, 17.4004, -27.8053



37.3020, -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.



32.6750, -7.2348, -12.8700



28.3250, 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.



38.1150, 2.4083, 20.9471



32.6750, -7.2348, -12.8700



37.5120, 13.5516, -6.5880

Square

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



32.6750, -7.2348, -12.8700



32.6680, 13.4747, -28.6498



38.6560, 8.5506, 10.8257



37.1460, -11.4110, 20.0430

Rectangle

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



32.6750, -7.2348, -12.8700



31.3170, 5.7597, -27.4650



38.6560, 8.5506, 10.8257



37.2850, -2.1125, 24.3061

Sweetspot

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



32.6750, -7.2348, -12.8700



52.2830, -2.6045, -4.6332



40.1500, -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.



32.6750, -7.2348, -12.8700



39.8930, -11.2862, -20.0772



34.0430, -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.



28.3250, 7.2348, 12.8700



33.1070, 11.2862, 20.0772



26.8430, 1.5564, 14.1697



18.8260, 0.5788, 1.0296



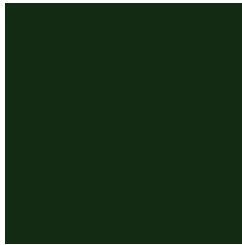
34.6920, 24.3088, 43.2431



87.5560, 61.3509, 109.1374

Previews

White Background



This preview shows how the YUV color 32.6750, -7.2348, -12.8700 looks on a white background.

Color Contrast Check

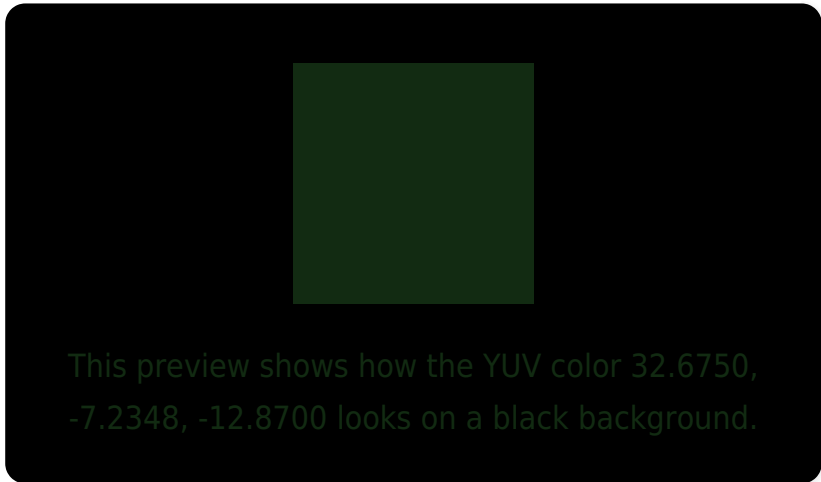
Large Text (above 18pt) WCAG AA ✓ Pass

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

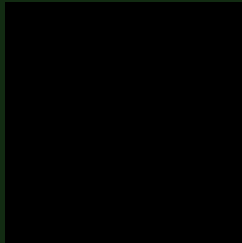
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.6750, -7.2348, -12.8700

Background



This preview shows how black text looks on a background with the YUV color 32.6750, -7.2348, -12.8700.



This preview shows how white text looks on a background with the YUV color 32.6750, -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

32.6750, -7.2348, -12.8700

Protanopia

36.6880, -10.1992, 4.6586

Deuteranopia

37.1660, -8.4628, 7.7474



Tritanopia

35.6720, 4.1057, -10.2363

Trichromacy



Original Color

32.6750, -7.2348, -12.8700

Protanomaly

35.2850, -9.0145, -2.0039

Deuteranomaly

35.8230, -8.2937, 0.1552

Tritanomaly

34.6350, 0.1799, -11.0809

Monochromacy



Original Color

32.6750, -7.2348, -12.8700

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.2830, -2.6045, -4.6332

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.6750, -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(18, 43, 18)` looks like.

```
.text, #text, p{  
    color:rgb(18, 43, 18)  
}
```

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(18, 43, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 43, 18) }
```

Border

The CSS property to change the border of an element to YUV 32.6750, -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(18, 43, 18) }
```


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

```
.border{ border-color:rgb(18, 43, 18) }
```

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

Here you see how a box with a 4 pixel rgb(18, 43, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 43, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 43, 18);  
box-shadow:4px 4px 4px 4px rgb(18, 43, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.6750, -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(18, 43, 18) }
```

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

```
.background{ background-color: rgb(18, 43,  
18) }
```

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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