

Converting Colors

YUV(32.8240, -9.7732, 8.0474)

Have a look what the booklet for
YUV(32.8240, -9.7732, 8.0474)
contains.

YUV(32.8240, -9.7732, 8.0474)	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(32.8240, -9.7732,
8.0474)**

Conversions

Conversions Part 1

Format	Color
Hex	2A200D
RGB	42, 32, 13
RGB Percent	16%, 13%, 5%
CMY	0.8353, 0.8745, 0.9490
CMYK	0.00, 0.24, 0.69, 0.84
HSL	39°, 53%, 11%
HSV	39°, 69%, 16%
XYZ	1.5440, 1.5543, 0.5994
YIQ	32.8240, 12.0590, -3.7890

Conversions

Conversions Part 2

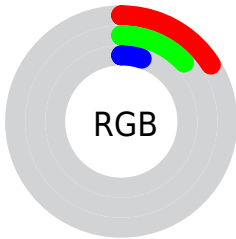
Format	Color
RYB	28, 42, 13
Decimal	2760717
CIELab	12.95, 1.85, 13.75
CIElCh	13, 13.877, 82.341
Yxy	1.5543, 0.4176, 0.4203
Android (android.graphics.Color)	4280950797 (0xFF2A200D)
YUV	32.8240, -9.7732, 8.0474
Hunter-Lab	12.4672, 0.2886, 5.8765

Details

The YUV color **32.8240, -9.7732, 8.0474** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22.1760, 9.7732, -8.0474**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.3080, -10.5048, 9.3769**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.7810, -11.2310, 8.9621**, and if you desaturate by 10%, it is **33.8670, -8.3154, 7.1326**.

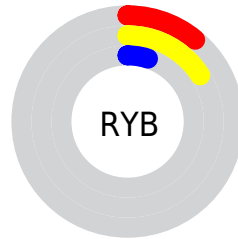
Distribution



Red (16%)

Green (13%)

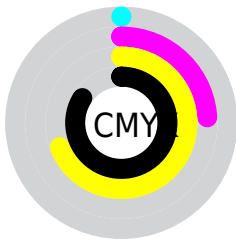
Blue (5%)



Red (11%)

Yellow (16%)

Blue (5%)

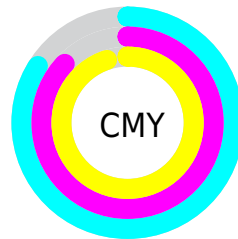


Cyan (0%)

Magenta (24%)

Yellow (69%)

Black (84%)



Cyan (84%)

Magenta (87%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.8240, -9.7732, 8.0474 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 32.8240, -9.7732, 8.0474 by changing the saturation by 10% instead.

■ 32.8240, -9.7732,
8.0474

■ 32.8240, -9.7732,
8.0474

■ 252.9480, -7.8624,
1.7996

■ 10.9640, -5.4053,
7.0476

■ 77.3080, -10.5048,
9.3769

■ 0.0000, 0.0000,
0.0000

■ 101.4930,
-11.0890, 10.0916

■ 126.6780,
-11.6733, 10.8064

■ 151.9770,
-11.8207, 11.4212

■ 179.1620,
-12.4049, 12.1359

■ 206.4610,

-12.5523, 12.7507

■ 235.0480,
-12.8417, 12.2359

■ 32.8240, -9.7732,
8.0474

■ 32.8240, -9.7732,
8.0474

■ 31.7810, -11.2310,
8.9621

■ 33.8670, -8.3154,
7.1326

■ 30.1510, -12.3994,
10.3916

■ 35.4970, -7.1470,
5.7031

■ 28.9940, -14.2940,
11.4063

■ 36.6540, -5.2524,
4.6884

■ 38.2840, -4.0840,
3.2589

■ 39.3270, -2.6262,
2.3442

■ 40.9570, -1.4578,
0.9147

■ 42.0000, 0.0000,
0.0000

■ 43.7440, 1.6052,
-1.5295

■ 44.7870, 3.0630,
-2.4442

Harmonies

Analogous

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



33.7260, -7.7529, 13.3953



32.8240, -9.7732, 8.0474



32.0080, -8.8779, 0.8700

Triad

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



32.8240, -9.7732, 8.0474



26.8660, 6.4751, -23.5615



34.4230, 5.2145, 7.5220

Complementary

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



32.8240, -9.7732, 8.0474



22.1760, 9.7732, -8.0474

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.



33.8670, 8.4466, -2.5144



32.8240, -9.7732, 8.0474



27.1910, 10.2588, -23.8465

Square

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



32.8240, -9.7732, 8.0474



28.2320, 1.3646, -17.7435



30.6590, 10.5211, -14.6099



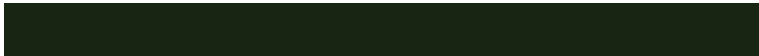
34.3160, 0.8302, 13.7549

Rectangle

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



32.8240, -9.7732, 8.0474



31.3600, -6.0935, -5.5777



30.6590, 10.5211, -14.6099



34.4550, 6.6777, 4.8630

Sweetspot

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



32.8240, -9.7732, 8.0474



50.2840, -4.0840, 3.2589



22.8110, 0.0932, 16.8288



26.0280, -2.4788, 1.7294



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.



32.8240, -9.7732, 8.0474



39.4780, -15.0257, 12.7358



37.4980, -12.0775, 0.4403



19.7720, -0.8736, 0.2000



57.4010, -28.2987, 23.3273



144.9810, -71.4756, 58.7757

Inverse Universe

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



22.1760, 9.7732, -8.0474



22.9350, 15.3150, -12.2210



17.5020, 12.0775, -0.4403



18.8150, 0.5842, -0.7148



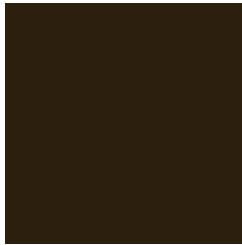
26.5990, 28.2987, -23.3273



67.0190, 71.4756, -58.7757

Previews

White Background



This preview shows how the YUV color 32.8240, -9.7732, 8.0474 looks on a white background.

Color Contrast Check

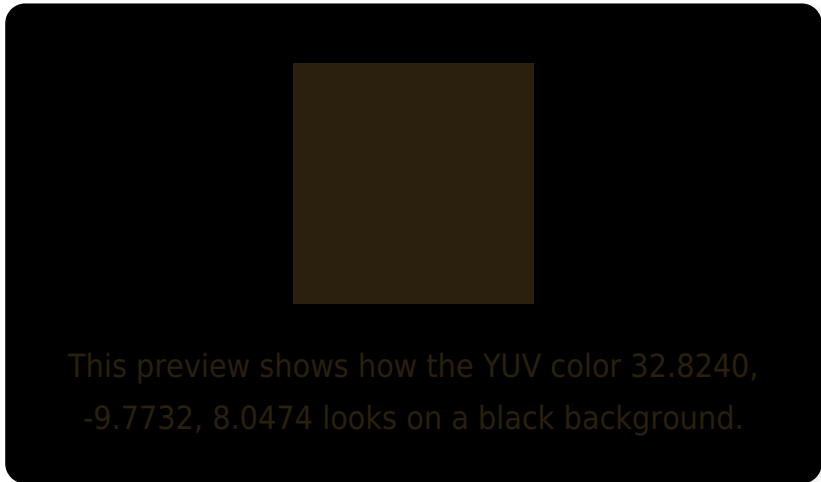
Large Text (above 18pt) WCAG AA ✓ Pass

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

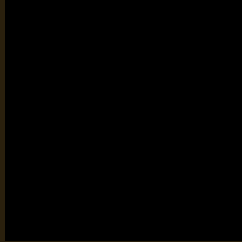
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.8240, -9.7732, 8.0474

Background



This preview shows how black text looks on a background with the YUV color 32.8240, -9.7732, 8.0474.

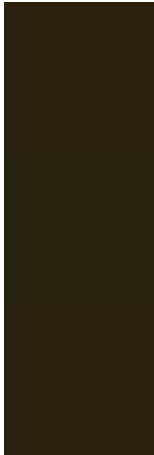


This preview shows how white text looks on a background with the YUV color 32.8240, -9.7732,

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

32.8240, -9.7732, 8.0474

Protanopia

32.8020, -9.7624, 4.5586

Deuteranopia

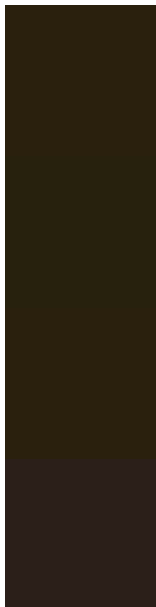
32.8240, -9.7732, 8.0474



Tritanopia

34.1150, -1.0427, 7.7921

Trichromacy



Original Color

32.8240, -9.7732, 8.0474

Protanomaly

32.5140, -9.6204, 5.6882

Deuteranomaly

32.8240, -9.7732, 8.0474

Tritanomaly

33.9040, -4.3897, 7.9772

Monochromacy



Original Color

32.8240, -9.7732, 8.0474

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.0990, -3.4998, 2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.8240, -9.7732, 8.0474 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(42, 32, 13)` looks like.

```
.text, #text, p{  
    color:rgb(42, 32, 13)  
}
```

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(42, 32, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 32, 13) }
```

Border

The CSS property to change the border of an element to YUV 32.8240, -9.7732, 8.0474 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(42, 32, 13) }
```


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

```
.border{ border-color:rgb(42, 32, 13) }
```

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

Here you see how a box with a 4 pixel rgb(42, 32, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 32, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 32, 13);  
box-shadow:4px 4px 4px 4px rgb(42, 32, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.8240, -9.7732, 8.0474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 32, 13) }
```

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

```
.background{ background-color: rgb(42, 32,  
13) }
```

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