

Converting Colors

YUV(32.5310, -12.0938, 5.6733)

Have a look what the booklet for
YUV(32.5310, -12.0938, 5.6733)
contains.

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Color

**YUV(32.5310, -12.0938,
5.6733)**

Conversions

Conversions Part 1

Format	Color
Hex	272208
RGB	39, 34, 8
RGB Percent	15%, 13%, 3%
CMY	0.8471, 0.8667, 0.9686
CMYK	0.00, 0.13, 0.79, 0.85
HSL	50°, 66%, 9%
HSV	50°, 79%, 15%
XYZ	1.4526, 1.5929, 0.4606
YIQ	32.5310, 11.3260, -7.0260

Conversions

Conversions Part 2

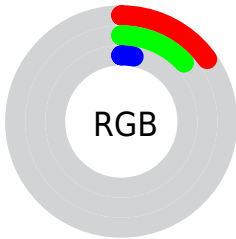
Format	Color
R_{YB}	14, 39, 8
Decimal	2564616
CIE _{Lab}	13.19, -1.73, 16.15
CIE _{LCh}	13, 16.240, 96.101
Yxy	1.5929, 0.4143, 0.4543
Android (android.graphics.Color)	4280754696 (0xFF272208)
YUV	32.5310, -12.0938, 5.6733
Hunter-Lab	12.6211, -1.5434, 6.6709

Details

The YUV color **32.5310, -12.0938, 5.6733** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **14.4690, 12.0938, -5.6733**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.1290, -12.3886, 6.9029**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.4880, -13.5516, 6.5880**, and if you desaturate by 10%, it is **33.5740, -10.6360, 4.7586**.

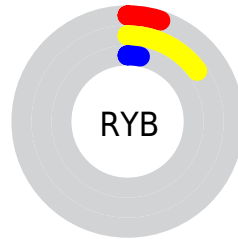
Distribution



Red (15%)

Green (13%)

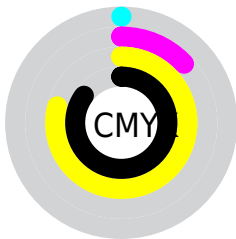
Blue (3%)



Red (5%)

Yellow (15%)

Blue (3%)

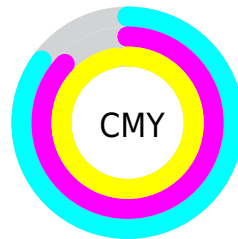


Cyan (0%)

Magenta (13%)

Yellow (79%)

Black (85%)



Cyan (85%)

Magenta (87%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.5310, -12.0938, 5.6733 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 32.5310, -12.0938, 5.6733 by changing the saturation by 10% instead.

■ 32.5310, -12.0938,
5.6733

■ 32.5310, -12.0938,
5.6733

■ 252.4920, -9.6096,
2.1995

■ 10.9310, -5.3890,
1.8145

■ 77.1290, -12.3886,
6.9029

■ 0.0000, 0.0000,
0.0000

■ 101.0150,
-12.8254, 7.0028

■ 126.2000,
-13.4096, 7.7176


■ 152.0860,
-13.8464, 7.8176


■ 178.9720,
-14.2832, 7.9176


■ 206.2710,


-14.4306, 8.5323


 234.4560,
-15.0148, 9.2471


 32.5310, -12.0938,
5.6733


 32.5310, -12.0938,
5.6733


 31.4880, -13.5516,
6.5880


 33.5740, -10.6360,
4.7586

 31.0320, -15.2988,
6.9879

 34.0300, -8.8888,
4.3587

 35.0730, -7.4310,
3.4440

 36.1160, -5.9732,
2.5293

 36.5720, -4.2260,
2.1294

■ 37.5010, -3.2050,
1.3146

■ 37.9570, -1.4578,
0.9147

■ 39.0000, 0.0000,
0.0000

■ 40.0430, 1.4578,
-0.9147

Harmonies

Analogous

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



33.3300, -10.5157, 12.8656



32.5310, -12.0938, 5.6733



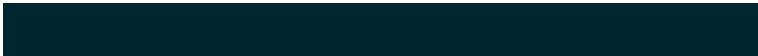
31.3880, -8.5723, -3.8483

Triad

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



32.5310, -12.0938, 5.6733



28.2510, 9.2433, -24.7761



35.1140, 3.8878, 13.0550

Complementary

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



32.5310, -12.0938, 5.6733



14.4690, 12.0938, -5.6733

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.



34.9000, 8.4303, 2.7187



32.5310, -12.0938, 5.6733



28.4620, 12.5902, -24.9612

Square

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



32.5310, -12.0938, 5.6733



27.5840, 4.1491, -24.1912



32.0230, 11.8207, -11.4212



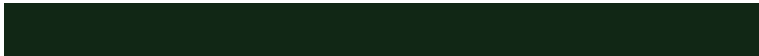
34.7680, -1.3646, 17.7435

Rectangle

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



32.5310, -12.0938, 5.6733



30.3700, -4.6194, -11.7255



32.0230, 11.8207, -11.4212



35.2600, 5.7878, 10.2960

Sweetspot

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



32.5310, -12.0938, 5.6733



48.4580, -4.6628, 2.2293



17.8390, -2.3856, 18.5582



23.9140, -2.9156, 1.8294



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



32.5310, -12.0938, 5.6733



40.8320, -18.6512, 8.9173



32.4760, -12.0667, -3.0485



19.7720, -0.8736, 0.2000



66.7930, -32.9289, 15.0905



167.8740, -82.7619, 38.6985

Inverse Universe

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



14.4690, 12.0938, -5.6733



12.5810, 18.9406, -8.4025



14.5240, 12.0667, 3.0485



18.8150, 0.5842, -0.7148



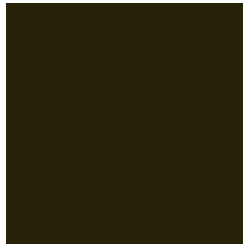
17.7940, 32.6396, -15.6053



44.1260, 82.7619, -38.6985

Previews

White Background



This preview shows how the YUV color 32.5310, -12.0938, 5.6733 looks on a white background.

Color Contrast Check

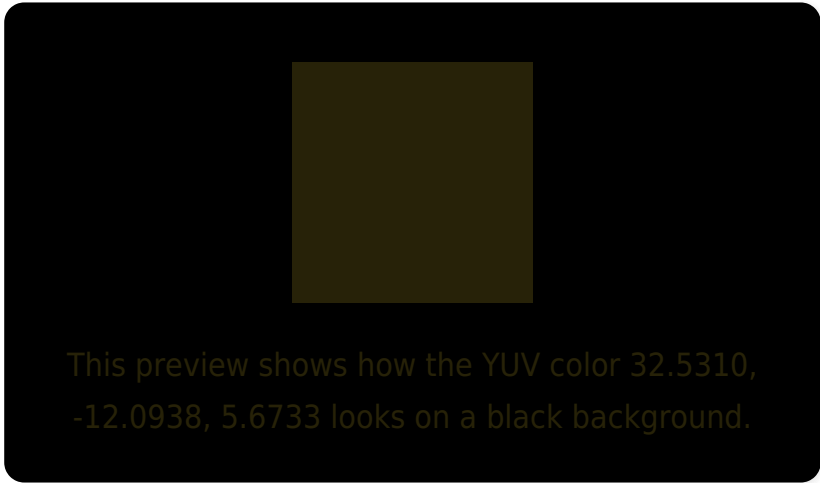
Large Text (above 18pt) WCAG AA ✓ Pass

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

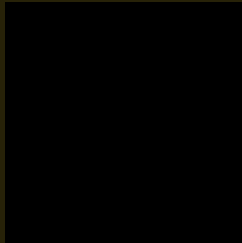
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

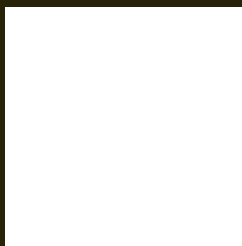
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 32.5310, -12.0938, 5.6733

Background



This preview shows how black text looks on a background with the YUV color 32.5310, -12.0938, 5.6733.

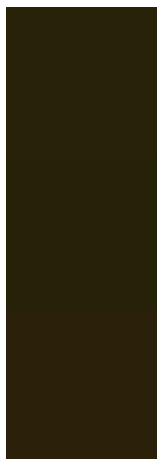


This preview shows how white text looks on a background with the YUV color 32.5310, -12.0938,

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

32.5310, -12.0938, 5.6733

Protanopia

32.2320, -11.9464, 5.0585

Deuteranopia

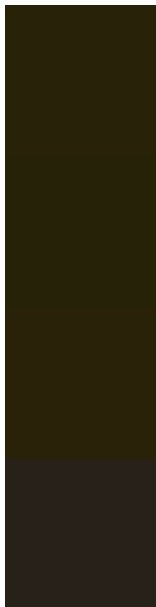
32.6670, -11.6678, 9.0620



Tritanopia

34.9190, -0.4531, 5.3330

Trichromacy



Original Color

32.5310, -12.0938, 5.6733

Protanomaly

32.2320, -11.9464, 5.0585

Deuteranomaly

32.9550, -11.8098, 7.9325

Tritanomaly

34.1810, -4.5262, 5.1033

Monochromacy



Original Color

32.5310, -12.0938, 5.6733

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.5720, -4.2260, 2.1294

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.5310, -12.0938, 5.6733 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(39, 34, 8)` looks like.

```
.text, #text, p{  
    color:rgb(39, 34, 8)  
}
```

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(39, 34, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 34, 8) }
```

Border

The CSS property to change the border of an element to YUV 32.5310, -12.0938, 5.6733 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(39, 34, 8) }
```


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

```
.border{ border-color:rgb(39, 34, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 34, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 34, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(39, 34, 8); box-shadow:4px  
4px 4px 4px rgb(39, 34, 8) }
```

Background

The CSS property to change the background color of an element to YUV 32.5310, -12.0938, 5.6733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 34, 8) }
```

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

```
.background{ background-color: rgb(39, 34,  
8) }
```

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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