

Converting Colors

YUV(22.7340, -3.3199, -8.5367)

Have a look what the booklet for
YUV(22.7340, -3.3199, -8.5367)
contains.

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Color

**YUV(22.7340, -3.3199,
-8.5367)**

Conversions

Conversions Part 1

Format	Color
Hex	0D1D10
RGB	13, 29, 16
RGB Percent	5%, 11%, 6%
CMY	0.9490, 0.8863, 0.9373
CMYK	0.55, 0.00, 0.45, 0.89
HSL	131°, 38%, 8%
HSV	131°, 55%, 11%
XYZ	0.6989, 1.0017, 0.6467
YIQ	22.7340, -5.3630, -7.4350

Conversions

Conversions Part 2

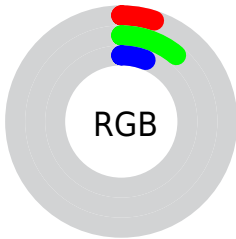
Format	Color
RYB	13, 26, 29
Decimal	859408
CIELab	9.01, -10.19, 6.28
CIELCh	9, 11.967, 148.366
Yxy	1.0017, 0.2977, 0.4267
Android (android.graphics.Color)	4279049488 (0xFF0D1D10)
YUV	22.7340, -3.3199, -8.5367
Hunter-Lab	10.0085, -5.0507, 3.1748

Details

The YUV color **22.7340, -3.3199, -8.5367** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **19.2660, 3.3199, 8.5367**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **65.9080, -3.8986, -9.5663**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.6090, -3.7512, -10.1811**, and if you desaturate by 10%, it is **23.8590, -2.8885, -6.8923**.

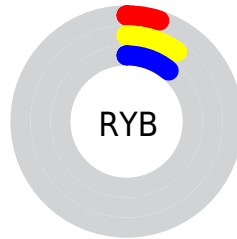
Distribution



Red (5%)

Green (11%)

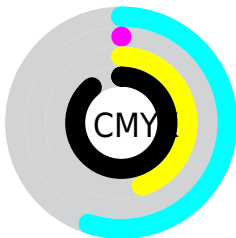
Blue (6%)



Red (5%)

Yellow (10%)

Blue (11%)

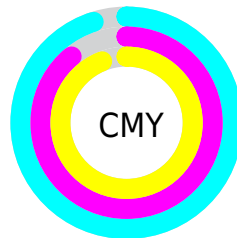


Cyan (55%)

Magenta (0%)

Yellow (45%)

Black (89%)



Cyan (95%)

Magenta (89%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.7340, -3.3199, -8.5367 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 22.7340, -3.3199, -8.5367 by changing the saturation by 10% instead.

■ 22.7340, -3.3199,
-8.5367

■ 22.7340, -3.3199,
-8.5367

■ 247.6090, -3.7512,
-10.1811

■ 0.0000, 0.0000,
0.0000

■ 65.9080, -3.8986,
-9.5663

■ 88.9080, -3.8986,
-9.5663

■ 113.6090, -3.7512,
-10.1811

■ 139.4950, -4.1880,
-10.0811

■ 166.0820, -4.4774,
-10.5959

■ 192.7830, -4.3300,

-11.2107

■ 220.6690, -4.7668,
-11.1107

■ 22.7340, -3.3199,
-8.5367

■ 22.7340, -3.3199,
-8.5367

■ 21.6090, -3.7512,
-10.1811

■ 23.8590, -2.8885,
-6.8923

■ 20.3700, -4.6194,
-11.7255

■ 25.0980, -2.0203,
-5.3479

■ 19.2450, -5.0508,
-13.3699

■ 26.2230, -1.5889,
-3.7036

■ 18.1200, -5.4822,
-15.0142

■ 27.3480, -1.1576,
-2.0592

■ 17.5930, -6.2083,
-15.4291

■ 28.5870, -0.2894,
-0.5148

■ 29.4130, 0.2894,
0.5148

■ 30.5380, 0.7208,
2.1592

■ 31.7770, 1.5889,
3.7036

■ 32.9020, 2.0203,
5.3479

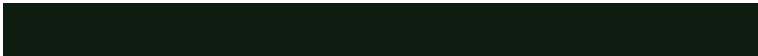
Harmonies

Analogous

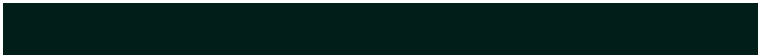
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



23.8230, -8.2937, 0.1552



22.7340, -3.3199, -8.5367



21.0580, 1.9434, -16.7139

Triad

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



22.7340, -3.3199, -8.5367



23.5240, 8.6157, -10.1065



26.0510, -3.9691, 13.1103

Complementary

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



22.7340, -3.3199, -8.5367



19.2660, 3.3199, 8.5367

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.



26.0770, -0.0380, 12.2105



22.7340, -3.3199, -8.5367



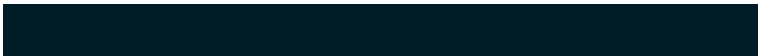
26.4220, 6.6940, -0.3701

Square

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



22.7340, -3.3199, -8.5367



21.4690, 8.6428, -18.8283



26.6680, 3.6147, 7.3072



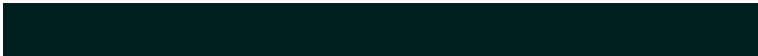
25.1880, -8.4737, 11.2361

Rectangle

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



22.7340, -3.3199, -8.5367



21.0300, 4.4222, -18.4433



26.6680, 3.6147, 7.3072



25.8060, -2.3694, 13.3251

Sweetspot

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



22.7340, -3.3199, -8.5367



35.6360, -1.2995, -3.1888



26.2790, -6.5465, -0.2447



18.4620, -0.7208, -2.1592



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

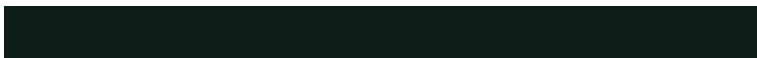
The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.7340, -3.3199, -8.5367



28.2450, -5.0508, -13.3699



23.6460, 0.1745, -9.3365



14.5870, -0.2894, -0.5148



48.0830, -16.3099, -42.1688



125.9550, -42.8688, -110.4625

Inverse Universe

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



19.2660, 3.3199, 8.5367



22.8690, 5.4876, 13.2699



18.3540, -0.1745, 9.3365



14.4130, 0.2894, 0.5148



30.9170, 16.3099, 42.1688



81.0450, 42.8688, 110.4625

Previews

White Background



This preview shows how the YUV color 22.7340, -3.3199, -8.5367 looks on a white background.

Color Contrast Check

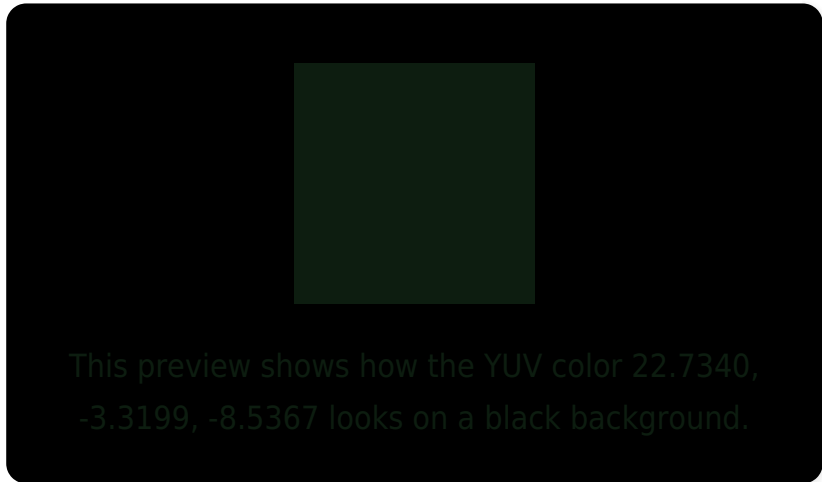
Large Text (above 18pt) WCAG AA ✓ Pass

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

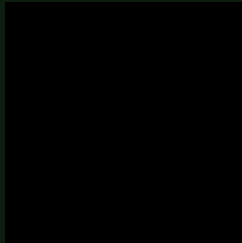
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 22.7340, -3.3199, -8.5367

Background



This preview shows how black text looks on a background with the YUV color 22.7340, -3.3199, -8.5367.



This preview shows how white text looks on a background with the YUV color 22.7340, -3.3199, -8.5367.

-8.5367.

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

22.7340, -3.3199, -8.5367

Protanopia

25.3440, -5.0996, 2.3293

Deuteranopia

25.8820, -4.3788, 4.4885



Tritanopia

24.0530, 2.9319, -7.0625

Trichromacy



Original Color

22.7340, -3.3199, -8.5367

Protanomaly

24.4360, -4.6519, -1.2594

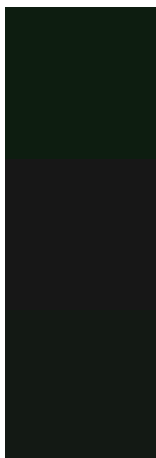
Deuteranomaly

24.3760, -3.6364, -0.3298

Tritanomaly

23.7710, 0.6059, -7.6922

Monochromacy



Original Color

22.7340, -3.3199, -8.5367

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

22.6360, -1.2995, -3.1888

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.7340, -3.3199, -8.5367 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(13, 29, 16)` looks like.

```
.text, #text, p{  
    color:rgb(13, 29, 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(13, 29, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 29, 16) }
```

Border

The CSS property to change the border of an element to YUV 22.7340, -3.3199, -8.5367 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(13, 29, 16) }
```


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

```
.border{ border-color:rgb(13, 29, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 29, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 29, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 29, 16);  
box-shadow:4px 4px 4px 4px rgb(13, 29, 16)  
}
```

Background

The CSS property to change the background color of an element to YUV 22.7340, -3.3199, -8.5367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 29, 16) }
```

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

```
.background{ background-color: rgb(13, 29,  
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](#).

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