

Converting Colors

YUV(13.7840, 1.0925, 22.9914)

Have a look what the booklet for
YUV(13.7840, 1.0925, 22.9914)
contains.

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Color

**YUV(13.7840, 1.0925,
22.9914)**

Conversions

Conversions Part 1

Format	Color
Hex	280010
RGB	40, 0, 16
RGB Percent	16%, 0%, 6%
CMY	0.8431, 1.0000, 0.9373
CMYK	0.00, 1.00, 0.60, 0.84
HSL	336°, 100%, 8%
HSV	336°, 100%, 16%
XYZ	0.9686, 0.4885, 0.5335
YIQ	13.7840, 18.7040, 13.4560

Conversions

Conversions Part 2

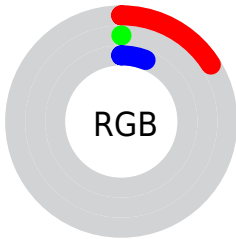
Format	Color
RYB	40, 0, 16
Decimal	2621456
CIELab	4.41, 20.42, -0.02
CIELCh	4, 20.416, 359.938
Yxy	0.4885, 0.4866, 0.2454
Android (android.graphics.Color)	4280811536 (0xFF280010)
YUV	13.7840, 1.0925, 22.9914
Hunter-Lab	6.9895, 12.5049, 0.3674

Details

The YUV color **13.7840, 1.0925, 22.9914** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **26.2160, -1.0925, -22.9914**, and the grayscale version is **14.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **59.4420, -0.2179, 23.2914**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **13.7840, 1.0925, 22.9914**, and if you desaturate by 10%, it is **16.3600, 0.8085, 20.7323**.

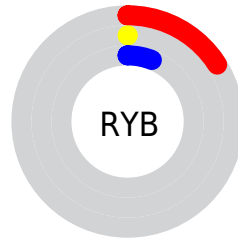
Distribution



Red (16%)

Green (0%)

Blue (6%)



Red (16%)

Yellow (0%)

Blue (6%)

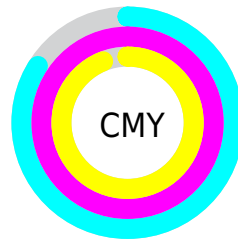


Cyan (0%)

Magenta (100%)

Yellow (60%)

Black (84%)



Cyan (84%)

Magenta (100%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 13.7840, 1.0925, 22.9914 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 13.7840, 1.0925, 22.9914 by changing the saturation by 10% instead.

■ 13.7840, 1.0925,
22.9914

■ 13.7840, 1.0925,
22.9914

■ 235.6800, 2.1298,
16.9436

■ 0.0000, 0.0000,
0.0000

■ 59.4420, -0.2179,
23.2914

■ 83.0400, -0.5127,
24.5209

■ 107.0510, -0.5181,
26.2653

■ 132.6490, -0.8130,
27.4948

■ 159.2470, -1.1078,
28.7244

■ 186.5460, -1.2552,

29.3392

■ 214.1440, -1.5500,
30.5687

■ 13.7840, 1.0925,
22.9914

■ 16.3600, 0.8085,
20.7323

■ 19.0500, 0.9614,
18.3732

■ 21.6260, 0.6774,
16.1140

■ 24.3160, 0.8302,
13.7549

■ 26.8920, 0.5462,
11.4957

■ 29.4680, 0.2623,
9.2366

■ 32.1580, 0.4151,
6.8774

■ 34.7340, 0.1311,
4.6183

■ 37.4240, 0.2840,
2.2592

Harmonies

Analogous

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



15.0480, 7.3713, 15.7439



13.7840, 1.0925, 22.9914



13.1340, -6.4751, 23.5615

Triad

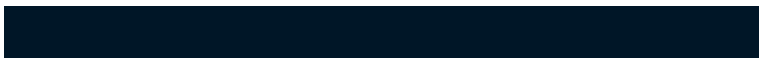
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.7840, 1.0925, 22.9914



11.7400, -5.7878, -10.2960



17.3600, 10.6685, -15.2247

Complementary

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



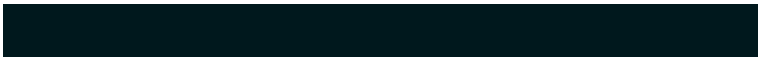
13.7840, 1.0925, 22.9914



26.2160, -1.0925, -22.9914

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.



17.3940, 5.7218, -15.2545



13.7840, 1.0925, 22.9914



13.5010, -6.6560, -11.8404

Square

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



13.7840, 1.0925, 22.9914



15.0840, -7.4364, 5.1883



15.7980, -0.3934, -13.8548



14.8810, 13.8627, -13.0506

Rectangle

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



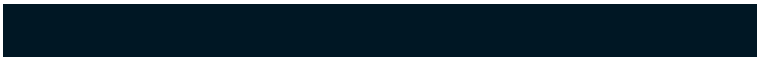
13.7840, 1.0925, 22.9914



13.6990, -6.7536, 19.5580



15.7980, -0.3934, -13.8548



17.6050, 9.0687, -15.4396

Sweetspot

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



13.7840, 1.0925, 22.9914



41.1690, 0.4097, 8.6218



11.7360, 13.9342, 10.7555



19.4460, 0.2731, 5.7479



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.



13.7840, 1.0925, 22.9914



17.5290, 1.2182, 29.3541



14.3080, -7.0538, 22.5319



18.7120, 0.1420, 1.1296



28.9920, 2.4689, 48.2420



73.0780, 5.8775, 121.8346

Inverse Universe

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



13.7840, 1.0925, 22.9914



17.5290, 1.2182, 29.3541



25.6920, 7.0538, -22.5319



18.7120, 0.1420, 1.1296



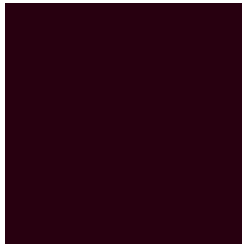
28.9920, 2.4689, 48.2420



73.0780, 5.8775, 121.8346

Previews

White Background



This preview shows how the YUV color 13.7840, 1.0925, 22.9914 looks on a white background.

Color Contrast Check

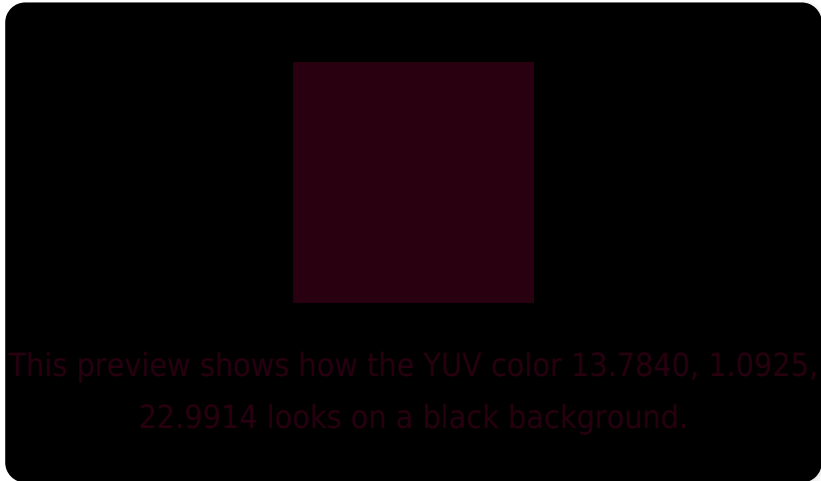
Large Text (above 18pt) WCAG AA ✓ Pass

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

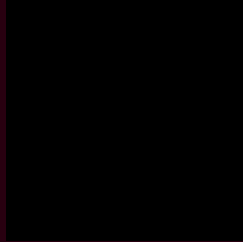
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 13.7840, 1.0925, 22.9914

Background



This preview shows how black text looks on a background with the YUV color 13.7840, 1.0925, 22.9914.

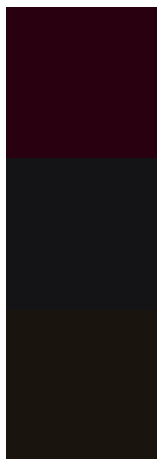


This preview shows how white text looks on a background with the YUV color 13.7840, 1.0925,

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

13.7840, 1.0925, 22.9914

Protanopia

20.3420, 1.3104, -0.2999

Deuteranopia

20.8110, -3.3578, 3.6738



Tritanopia

16.1660, -5.0118, 20.9024

Trichromacy



Original Color

13.7840, 1.0925, 22.9914

Protanomaly

17.9840, 0.9939, 7.9070

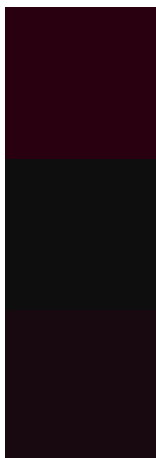
Deuteranomaly

18.3110, -1.6323, 10.2513

Tritanomaly

15.4480, -2.6859, 21.5321

Monochromacy



Original Color

13.7840, 1.0925, 22.9914

Achromatopsia

14.0000, 0.0000, 0.0000

Achromatomaly

13.8700, 0.5571, 8.0070

CSS Examples

Text

The CSS property to change the color of the text to YUV 13.7840, 1.0925, 22.9914 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(40, 0, 16)` looks like.

```
.text, #text, p{  
    color:rgb(40, 0, 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(40, 0, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 0, 16) }
```

Border

The CSS property to change the border of an element to YUV 13.7840, 1.0925, 22.9914 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(40, 0, 16) }
```


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

```
.border{ border-color:rgb(40, 0, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 0, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 0, 16); -webkit-box-shadow:4px  
4px 4px 4px rgb(40, 0, 16); box-shadow:4px  
4px 4px 4px rgb(40, 0, 16) }
```

Background

The CSS property to change the background color of an element to YUV 13.7840, 1.0925, 22.9914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 0, 16) }
```

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

```
.background{ background-color: rgb(40, 0,  
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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