

Converting Colors

YUV(22.3200, 1.3212, -3.7886)

Have a look what the booklet for
YUV(22.3200, 1.3212, -3.7886)
contains.

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Color

**YUV(22.3200, 1.3212,
-3.7886)**

Conversions

Conversions Part 1

Format	Color
Hex	121819
RGB	18, 24, 25
RGB Percent	7%, 9%, 10%
CMY	0.9294, 0.9059, 0.9020
CMYK	0.28, 0.04, 0.00, 0.90
HSL	189°, 16%, 8%
HSV	189°, 28%, 10%
XYZ	0.7516, 0.8521, 1.0446
YIQ	22.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

Format	Color
RYB	18, 21, 25
Decimal	1185817
CIELab	7.70, -2.39, -1.64
CIElCh	8, 2.897, 214.487
Yxy	0.8521, 0.2838, 0.3218
Android (android.graphics.Color)	4279375897 (0xFF121819)
YUV	22.3200, 1.3212, -3.7886
Hunter-Lab	9.2307, -1.6203, -0.2479

Details

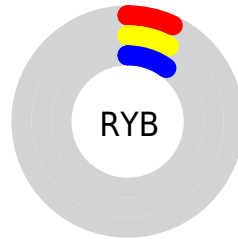
The YUV color **22.3200, 1.3212, -3.7886** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **20.6800, -1.3212, 3.7886**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **65.0210, 1.4686, -4.4034**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.7220, 1.6161, -5.0182**, and if you desaturate by 10%, it is **23.2170, 0.8790, -1.9443**.

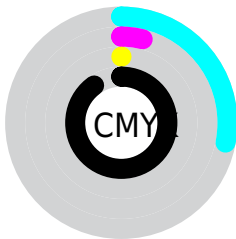
Distribution



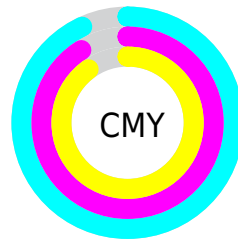
- Red (7%)
- Green (9%)
- Blue (10%)



- Red (7%)
- Yellow (8%)
- Blue (10%)



- Cyan (28%)
- Magenta (4%)
- Yellow (0%)
- Black (90%)



- Cyan (93%)
- Magenta (91%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.3200, 1.3212, -3.7886 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 22.3200, 1.3212, -3.7886 by changing the saturation by 10% instead.

■ 22.3200, 1.3212,
-3.7886

■ 22.3200, 1.3212,
-3.7886

■ 247.7220, 1.6161,
-5.0182

■ 0.0000, 0.0000,
0.0000

■ 65.0210, 1.4686,
-4.4034

■ 88.0210, 1.4686,
-4.4034

■ 112.7220, 1.6161,
-5.0182

■ 138.0210, 1.4686,
-4.4034

■ 164.1350, 1.9054,
-4.5034

■ 191.1350, 1.9054,

-4.5034

■ 218.8360, 2.0529,
-5.1182

■ 22.3200, 1.3212,
-3.7886

■ 22.3200, 1.3212,
-3.7886

■ 21.7220, 1.6161,
-5.0182

■ 23.2170, 0.8790,
-1.9443

■ 20.2380, 2.3477,
-6.3477

■ 24.4020, 0.2948,
-1.2296

■ 19.6400, 2.6425,
-7.5773

■ 25.2990, -0.1474,
0.6148

■ 18.7430, 3.0847,
-9.4216

■ 25.8970, -0.4422,
1.8443

■ 17.5580, 3.6689,
-10.1364

■ 27.3810, -1.1738,
3.1739

■ 16.6610, 4.1111,
-11.9807

■ 27.9790, -1.4686,
4.4034

■ 16.0630, 4.4059,
-13.2103

■ 28.8760, -1.9109,
6.2477

■ 15.1770, 4.8427,
-13.3102

■ 30.0610, -2.4951,
6.9625

■ 30.9580, -2.9373,
8.8068

Harmonies

Analogous

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



22.0920, 0.4476, -3.5887



22.3200, 1.3212, -3.7886



22.7330, 1.6106, -3.2738

Triad

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



22.3200, 1.3212, -3.7886



23.5380, 0.7208, 2.1592



22.8430, -1.8946, 1.0147

Complementary

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



22.3200, 1.3212, -3.7886



20.6800, -1.3212, 3.7886

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.



22.8540, -1.9000, 2.7590



22.3200, 1.3212, -3.7886



23.6090, -0.3002, 2.9739

Square

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



22.3200, 1.3212, -3.7886



23.0540, 1.4524, 0.8296



23.3810, -1.1738, 3.1739



22.2450, -1.5998, -0.2149

Rectangle

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



22.3200, 1.3212, -3.7886



22.8580, 2.0420, -1.6295



23.3810, -1.1738, 3.1739



23.1420, -2.0420, 1.6295

Sweetspot

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



22.3200, 1.3212, -3.7886



32.1030, 0.4422, -1.8443



22.2230, -1.5889, -3.7036



17.4020, 0.2948, -1.2296



145.0000, 0.0000, 0.0000



18.0000, 0.0000, 0.0000

Same Dimension

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



22.3200, 1.3212, -3.7886



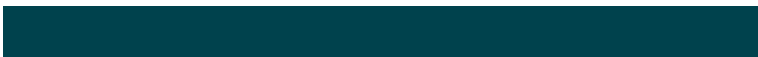
29.1240, 1.9109, -6.2477



20.5590, 2.1894, -2.2442



12.4020, 0.2948, -1.2296



47.5200, 14.5336, -41.6750



125.9810, 38.4634, -110.4853

Inverse Universe

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



20.7770, 1.5889, 3.7036



26.4290, 2.7465, 5.7628



22.4410, -2.1894, 2.2442



11.8260, 0.5788, 1.0296



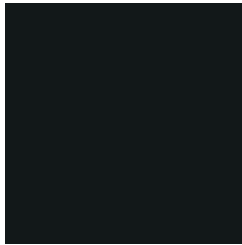
30.5470, 17.4783, 40.7393



80.9460, 46.3686, 107.9184

Previews

White Background



This preview shows how the YUV color 22.3200, 1.3212, -3.7886 looks on a white background.

Color Contrast Check

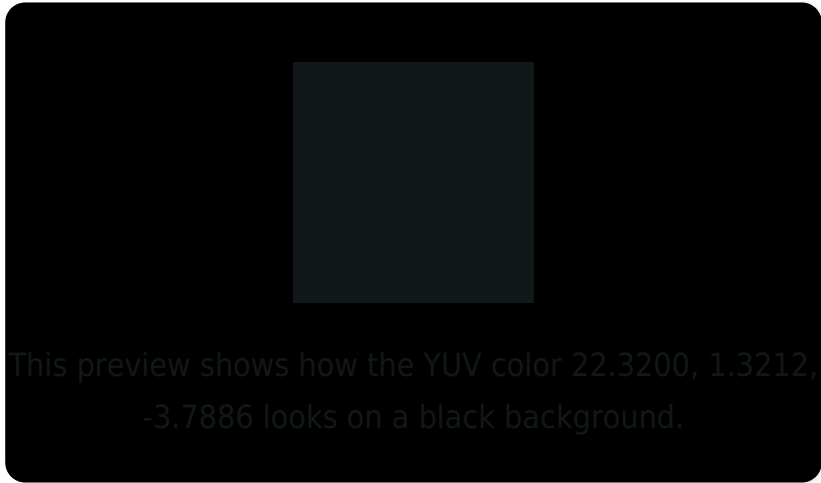
Large Text (above 18pt) WCAG AA ✓ Pass

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

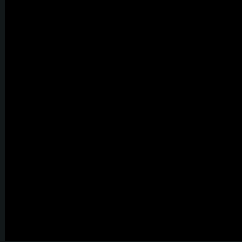
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 22.3200, 1.3212, -3.7886

Background



This preview shows how black text looks on a background with the YUV color 22.3200, 1.3212, -3.7886.



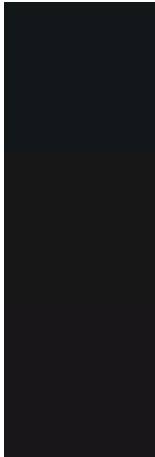
This preview shows how white text looks on a background with the YUV color 22.3200, 1.3212, -3.7886.

-3.7886.

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

22.3200, 1.3212, -3.7886

Protanopia

23.1140, 0.4368, -0.1000

Deuteranopia

22.9400, 1.0156, 0.9296



Tritanopia

22.4340, 1.7580, -3.8886

Trichromacy



Original Color

22.3200, 1.3212, -3.7886

Protanomaly

22.5160, 0.7316, -1.3295

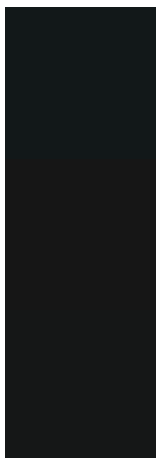
Deuteranomaly

22.9290, 1.0210, -0.8147

Tritanomaly

22.4340, 1.7580, -3.8886

Monochromacy



Original Color

22.3200, 1.3212, -3.7886

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

22.4020, 0.2948, -1.2296

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.3200, 1.3212, -3.7886 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, 24, 25)` looks like.

```
.text, #text, p{  
    color:rgb(18, 24, 25)  
}
```

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, 24, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 24, 25) }
```

Border

The CSS property to change the border of an element to YUV 22.3200, 1.3212, -3.7886 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, 24, 25) }
```


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

```
.border{ border-color:rgb(18, 24, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 24, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 24, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 24, 25);  
box-shadow:4px 4px 4px 4px rgb(18, 24, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 22.3200, 1.3212, -3.7886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 24, 25) }
```

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

```
.background{ background-color: rgb(18, 24,  
25) }
```

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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