

Converting Colors

YUV(22.4010, 1.7743, -9.1217)

Have a look what the booklet for
YUV(22.4010, 1.7743, -9.1217)
contains.

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Color

**YUV(22.4010, 1.7743,
-9.1217)**

Conversions

Conversions Part 1

Format	Color
Hex	0C1B1A
RGB	12, 27, 26
RGB Percent	5%, 11%, 10%
CMY	0.9529, 0.8941, 0.8980
CMYK	0.56, 0.00, 0.04, 0.89
HSL	176°, 38%, 8%
HSV	176°, 56%, 11%
XYZ	0.7300, 0.9366, 1.1196
YIQ	22.4010, -8.6190, -3.4910

Conversions

Conversions Part 2

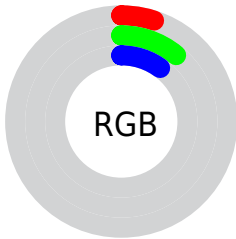
Format	Color
RYB	12, 20, 27
Decimal	793370
CIELab	8.45, -6.53, -1.33
CIElCh	8, 6.661, 191.539
Yxy	0.9366, 0.2620, 0.3362
Android (android.graphics.Color)	4278983450 (0xFF0C1B1A)
YUV	22.4010, 1.7743, -9.1217
Hunter-Lab	9.6779, -3.4719, -0.0845

Details

The YUV color **22.4010, 1.7743, -9.1217** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **16.5990, -1.7743, 9.1217**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **65.1020, 1.9217, -9.7365**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.5040, 2.2165, -10.9660**, and if you desaturate by 10%, it is **23.2980, 1.3321, -7.2773**.

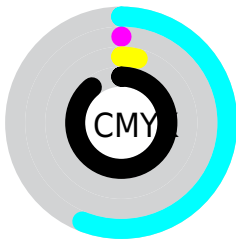
Distribution



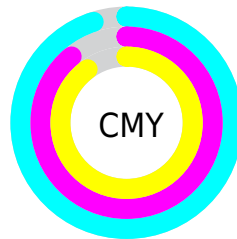
- Red (5%)
- Green (11%)
- Blue (10%)



- Red (5%)
- Yellow (8%)
- Blue (11%)



- Cyan (56%)
- Magenta (0%)
- Yellow (4%)
- Black (89%)



- Cyan (95%)
- Magenta (89%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.4010, 1.7743, -9.1217 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 22.4010, 1.7743, -9.1217 by changing the saturation by 10% instead.

■ 22.4010, 1.7743,
-9.1217

■ 22.4010, 1.7743,
-9.1217

■ 248.7920, 2.0745,
-12.0956

■ 0.0000, 0.0000,
0.0000

■ 65.1020, 1.9217,
-9.7365

■ 88.6890, 1.6323,
-10.2513

■ 113.1020, 1.9217,
-9.7365

■ 138.8030, 2.0691,
-10.3512

■ 165.3900, 1.7797,
-10.8660

■ 192.3900, 1.7797,

-10.8660

■ 220.0910, 1.9271,
-11.4808

■ 22.4010, 1.7743,
-9.1217

■ 22.4010, 1.7743,
-9.1217

■ 21.5040, 2.2165,
-10.9660

■ 23.2980, 1.3321,
-7.2773

■ 20.9060, 2.5113,
-12.1956

■ 23.8960, 1.0373,
-6.0478

■ 19.8950, 2.5168,
-13.9399

■ 24.9070, 1.0318,
-4.3034

■ 18.9980, 2.9590,
-15.7842

■ 25.8040, 0.5896,
-2.4591

■ 18.6990, 3.1064,
-16.3990

■ 26.4020, 0.2948,
-1.2296

■ 27.2990, -0.1474,
0.6148

■ 28.1960, -0.5896,
2.4591

■ 29.0930, -1.0318,
4.3034

■ 29.8050, -0.8899,
5.4330

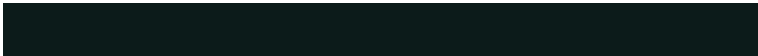
Harmonies

Analogous

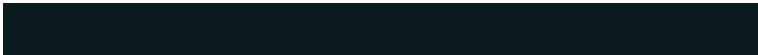
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



23.0270, -0.9993, -6.1627



22.4010, 1.7743, -9.1217



22.8570, 3.5215, -9.5216

Triad

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



22.4010, 1.7743, -9.1217



25.1080, 2.9048, 1.6593



24.4800, -4.6736, 5.7180

Complementary

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



22.4010, 1.7743, -9.1217



16.5990, -1.7743, 9.1217

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.



24.8330, -3.3687, 7.1625



22.4010, 1.7743, -9.1217



25.2610, 0.8573, 5.0331

Square

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



22.4010, 1.7743, -9.1217



24.1290, 4.3734, -2.7441



24.8160, -0.8953, 7.1774



24.0450, -4.9522, 1.7145

Rectangle

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



22.4010, 1.7743, -9.1217



23.0960, 4.3897, -7.9772



24.8160, -0.8953, 7.1774



24.8930, -4.3842, 6.2328

Sweetspot

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



22.4010, 1.7743, -9.1217



34.0920, 0.4476, -3.5887



21.1040, -4.4883, -7.1072



16.8040, 0.5896, -2.4591



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.



22.4010, 1.7743, -9.1217



28.5960, 2.6642, -14.5547



18.9930, 3.9475, -6.1329



12.4020, 0.2948, -1.2296



53.2930, 8.7296, -46.7380



141.4080, 23.9559, -124.0148

Inverse Universe

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



16.5990, -1.7743, 9.1217



19.2900, -3.1010, 14.6547



20.0070, -3.9475, 6.1329



11.7120, 0.1420, 1.1296



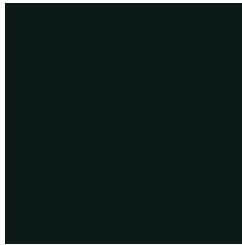
23.5930, -9.1663, 46.8379



62.5920, -23.9559, 124.0148

Previews

White Background



This preview shows how the YUV color 22.4010, 1.7743, -9.1217 looks on a white background.

Color Contrast Check

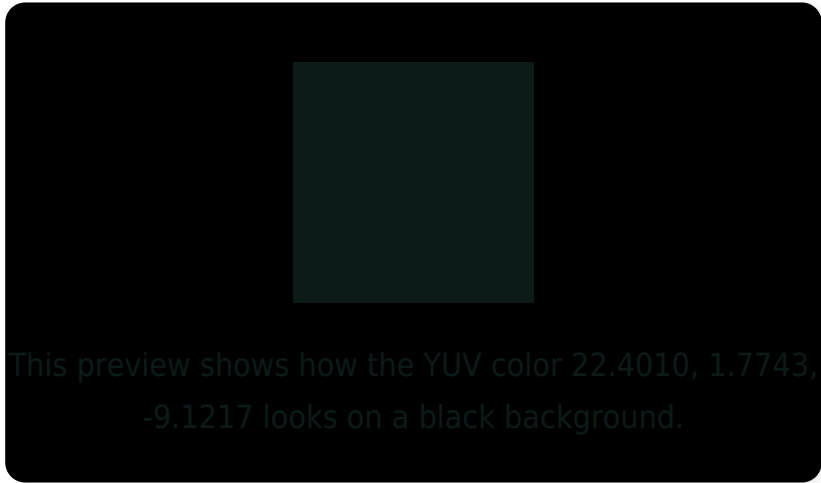
Large Text (above 18pt) WCAG AA ✓ Pass

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

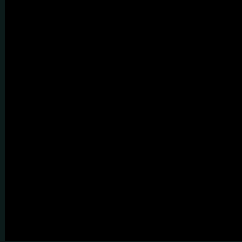
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 22.4010, 1.7743, -9.1217

Background



This preview shows how black text looks on a background with the YUV color 22.4010, 1.7743, -9.1217.



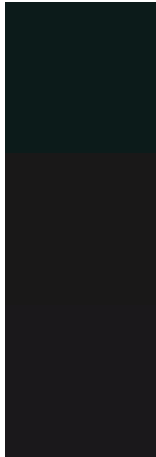
This preview shows how white text looks on a background with the YUV color 22.4010, 1.7743,

-9.1217.

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

22.4010, 1.7743, -9.1217

Protanopia

24.2990, -0.1474, 0.6148

Deuteranopia

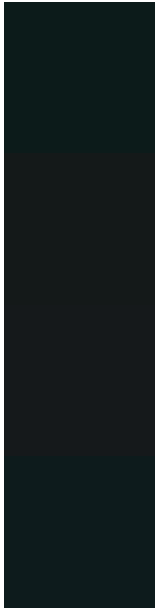
24.9400, 1.0156, 0.9296



Tritanopia

23.0420, 2.9373, -8.8068

Trichromacy



Original Color

22.4010, 1.7743, -9.1217

Protanomaly

23.5050, 0.7370, -3.0739

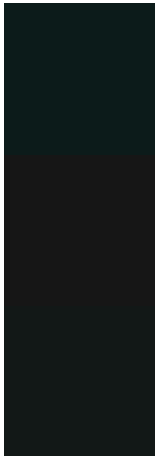
Deuteranomaly

24.0320, 1.4632, -2.6591

Tritanomaly

22.9280, 2.5005, -8.7069

Monochromacy



Original Color

22.4010, 1.7743, -9.1217

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

22.0920, 0.4476, -3.5887

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.4010, 1.7743, -9.1217 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(12, 27, 26)` looks like.

```
.text, #text, p{  
    color:rgb(12, 27, 26)  
}
```

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(12, 27, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 27, 26) }
```

Border

The CSS property to change the border of an element to YUV 22.4010, 1.7743, -9.1217 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(12, 27, 26) }
```


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

```
.border{ border-color:rgb(12, 27, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 27, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 27, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 27, 26);  
box-shadow:4px 4px 4px 4px rgb(12, 27, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 22.4010, 1.7743, -9.1217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 27, 26) }
```

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

```
.background{ background-color: rgb(12, 27,  
26) }
```

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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