

Converting Colors

YUV(22.2740, 7.7529, -13.3953)

Have a look what the booklet for
YUV(22.2740, 7.7529, -13.3953)
contains.

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Color

**YUV(22.2740, 7.7529,
-13.3953)**

Conversions

Conversions Part 1

Format	Color
Hex	071B26
RGB	7, 27, 38
RGB Percent	3%, 11%, 15%
CMY	0.9725, 0.8941, 0.8510
CMYK	0.82, 0.29, 0.00, 0.85
HSL	201°, 69%, 9%
HSV	201°, 82%, 15%
XYZ	0.8294, 0.9690, 1.9770
YIQ	22.2740, -15.4510, -0.8190

Conversions

Conversions Part 2

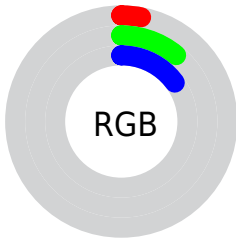
Format	Color
RYB	7, 19, 38
Decimal	465702
CIELab	8.73, -3.65, -9.93
CIELCh	9, 10.580, 249.791
Yxy	0.9690, 0.2197, 0.2567
Android (android.graphics.Color)	4278655782 (0xFF071B26)
YUV	22.2740, 7.7529, -13.3953
Hunter-Lab	9.8437, -2.1864, -5.0175

Details

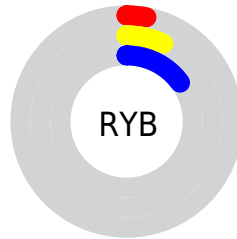
The YUV color **22.2740, 7.7529, -13.3953** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **22.7260, -7.7529, 13.3953**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.1000, 8.3317, -12.3657**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.4910, 8.6319, -15.3396**, and if you desaturate by 10%, it is **24.0570, 6.8739, -11.4510**.

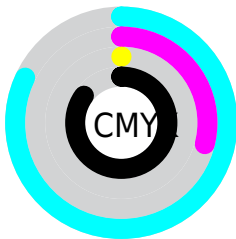
Distribution



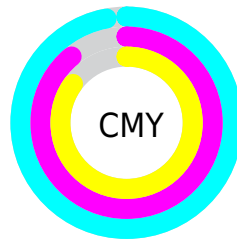
- Red (3%)
- Green (11%)
- Blue (15%)



- Red (3%)
- Yellow (7%)
- Blue (15%)



- Cyan (82%)
- Magenta (29%)
- Yellow (0%)
- Black (85%)



- Cyan (97%)
- Magenta (89%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.2740, 7.7529, -13.3953 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 22.2740, 7.7529, -13.3953 by changing the saturation by 10% instead.

■ 22.2740, 7.7529,
-13.3953

■ 22.2740, 7.7529,
-13.3953

■ 247.8350, 3.5323,
-13.0103

■ 2.5250, 7.1362,
-2.2144

■ 66.1000, 8.3317,
-12.3657

■ 0.0000, 0.0000,
0.0000

■ 89.8010, 8.4791,
-12.9805

■ 113.9150, 8.9159,
-13.0805

■ 139.9150, 8.9159,
-13.0805

■ 166.0290, 9.3527,
-13.1804

■ 193.7300, 9.5001,

-13.7952

■ 221.4310, 9.6475,
-14.4100

■ 22.2740, 7.7529,
-13.3953

■ 22.2740, 7.7529,
-13.3953

■ 20.4910, 8.6319,
-15.3396

■ 24.0570, 6.8739,
-11.4510

■ 19.0070, 9.3635,
-16.6691

■ 26.4270, 5.7055,
-10.0215

■ 27.9110, 4.9739,
-8.6919

■ 29.6940, 4.0949,
-6.7476

■ 32.0640, 2.9264,
-5.3181

■ 33.8470, 2.0474,
-3.3738

■ 35.6300, 1.1684,
-1.4295

■ 37.7010, 0.1474,
-0.6148

■ 39.4840, -0.7316,
1.3295

Harmonies

Analogous

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



20.6110, 6.6008, -17.1988



22.2740, 7.7529, -13.3953



24.8020, 6.9996, -5.0884

Triad

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



22.2740, 7.7529, -13.3953



26.0230, -1.4903, 11.3808



23.1970, -5.5201, -2.8038

Complementary

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



22.2740, 7.7529, -13.3953



22.7260, -7.7529, 13.3953

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.



23.7310, -8.7414, 3.7439



22.2740, 7.7529, -13.3953



25.3990, -5.1267, 11.0511

Square

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



22.2740, 7.7529, -13.3953



25.9240, 2.0095, 8.8367



24.5790, -8.1734, 8.2622



22.2930, -1.1304, -10.7810

Rectangle

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



22.2740, 7.7529, -13.3953



25.4930, 5.6730, 0.4446



24.5790, -8.1734, 8.2622



23.7520, -7.2727, -0.6595

Sweetspot

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



22.2740, 7.7529, -13.3953



42.3630, 2.7790, -4.7034



26.4510, -4.1663, -17.0585



21.8470, 2.0474, -3.3738



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.



22.2740, 7.7529, -13.3953



24.5550, 11.5584, -20.6577



13.4690, 12.0938, -5.6733



16.8150, 0.5842, -0.7148



40.4590, 20.4797, -35.4825



103.0710, 52.2230, -90.3933

Inverse Universe

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



18.5490, 4.1663, 17.0585



18.5870, 6.6126, 25.7952



31.5310, -12.0938, 5.6733



16.7120, 0.1420, 1.1296



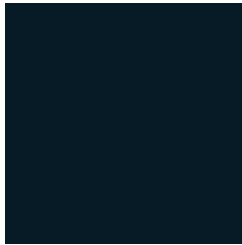
30.5600, 11.0629, 45.1129



77.8810, 28.1597, 114.9914

Previews

White Background



This preview shows how the YUV color 22.2740, 7.7529, -13.3953 looks on a white background.

Color Contrast Check

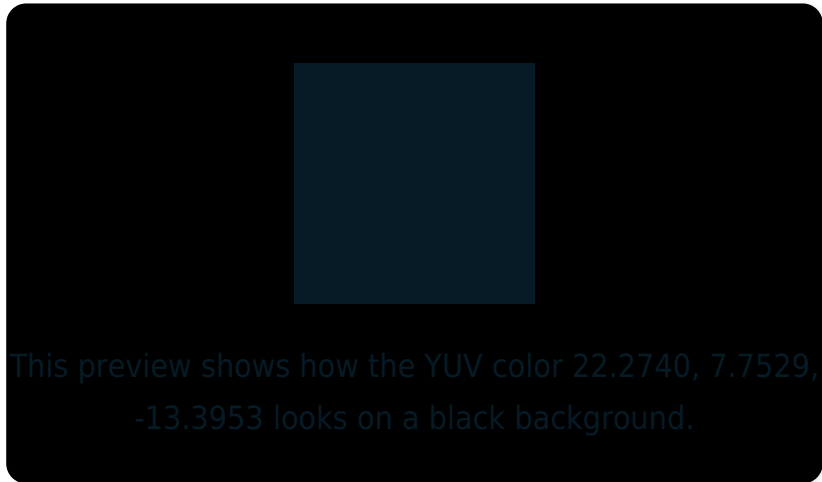
Large Text (above 18pt) WCAG AA ✓ Pass

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

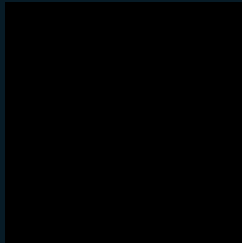
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

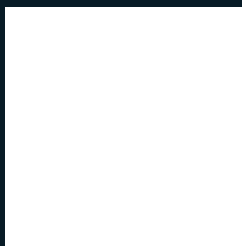
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 22.2740, 7.7529, -13.3953

Background



This preview shows how black text looks on a background with the YUV color 22.2740, 7.7529, -13.3953.



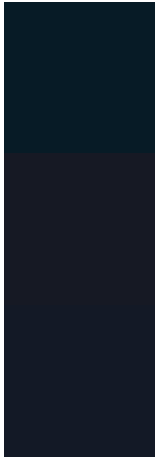
This preview shows how white text looks on a background with the YUV color 22.2740, 7.7529, -13.3953.

-13.3953.

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

22.2740, 7.7529, -13.3953

Protanopia

25.3570, 5.2470, -2.9441

Deuteranopia

24.6880, 6.5628, -4.9884



Tritanopia

19.8560, 5.0010, -17.4137

Trichromacy



Original Color

22.2740, 7.7529, -13.3953

Protanomaly

24.5630, 6.1314, -6.6328

Deuteranomaly

24.0790, 6.8631, -7.9623

Tritanomaly

21.0950, 5.8692, -15.8693

Monochromacy



Original Color

22.2740, 7.7529, -13.3953

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

22.3630, 2.7790, -4.7034

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.2740, 7.7529, -13.3953 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(7, 27, 38)` looks like.

```
.text, #text, p{  
    color:rgb(7, 27, 38)  
}
```

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(7, 27, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 27, 38) }
```

Border

The CSS property to change the border of an element to YUV 22.2740, 7.7529, -13.3953 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(7, 27, 38) }
```


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

```
.border{ border-color:rgb(7, 27, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 27, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 27, 38); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 27, 38); box-shadow:4px  
4px 4px 4px rgb(7, 27, 38) }
```

Background

The CSS property to change the background color of an element to YUV 22.2740, 7.7529, -13.3953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 27, 38) }
```

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

```
.background{ background-color: rgb(7, 27,  
38) }
```

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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