

Converting Colors

YUV(14.7040, 5.5689, -12.8954)

Have a look what the booklet for
YUV(14.7040, 5.5689, -12.8954)
contains.

YUV(14.7040, 5.5689, -12.8954)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(14.7040, 5.5689,
-12.8954)**

Conversions

Conversions Part 1

Format	Color
Hex	00141A
RGB	0, 20, 26
RGB Percent	0%, 8%, 10%
CMY	1.0000, 0.9216, 0.8980
CMYK	1.00, 0.23, 0.00, 0.90
HSL	194°, 100%, 5%
HSV	194°, 100%, 10%
XYZ	0.4366, 0.5749, 1.0652
YIQ	14.7040, -13.8460, -2.3740

Conversions

Conversions Part 2

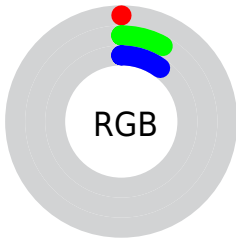
Format	Color
R _Y B	0, 11, 26
Decimal	5146
CIE Lab	5.19, -4.50, -6.24
CIE LCh	5, 7.689, 234.194
Yxy	0.5749, 0.2102, 0.2768
Android (android.graphics.Color)	4278195226 (0xFF00141A)
YUV	14.7040, 5.5689, -12.8954
Hunter-Lab	7.5822, -2.9901, -3.0223

Details

The YUV color **14.7040, 5.5689, -12.8954** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **11.2960, -5.5689, 12.8954**, and the grayscale version is **15.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **58.0140, 5.4161, -10.5363**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **14.7040, 5.5689, -12.8954**, and if you desaturate by 10%, it is **16.1880, 4.8373, -11.5659**.

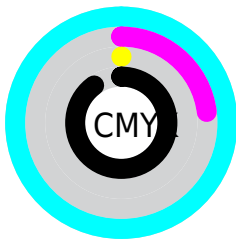
Distribution



- Red (0%)
- Green (8%)
- Blue (10%)



- Red (0%)
- Yellow (4%)
- Blue (10%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (90%)



- Cyan (100%)
- Magenta (92%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 14.7040, 5.5689, -12.8954 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 14.7040, 5.5689, -12.8954 by changing the saturation by 10% instead.

■ 14.7040, 5.5689,
-12.8954

■ 14.7040, 5.5689,
-12.8954

■ 239.6440, 6.5845,
-11.9658

■ 0.0000, 0.0000,
0.0000

■ 58.0140, 5.4161,
-10.5363

■ 81.0140, 5.4161,
-10.5363

■ 105.7150, 5.5635,
-11.1511

■ 130.8290, 6.0003,
-11.2510

■ 156.5300, 6.1477,
-11.8658

■ 183.5300, 6.1477,

-11.8658

■ 211.2310, 6.2951,
-12.4806

■ 14.7040, 5.5689,
-12.8954

■ 16.1880, 4.8373,
-11.5659

■ 16.7860, 4.5425,
-10.3363

■ 18.2700, 3.8109,
-9.0068

■ 18.8680, 3.5161,
-7.7772

■ 20.3520, 2.7845,
-6.4477

■ 21.8360, 2.0529,
-5.1182

■ 22.4340, 1.7580,
-3.8886

■ 23.9180, 1.0264,
-2.5591

■ 24.5160, 0.7316,
-1.3295

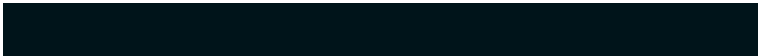
Harmonies

Analogous

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



14.8350, 3.5323, -13.0103



14.7040, 5.5689, -12.8954



16.1500, 5.8421, -7.1475

Triad

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



14.7040, 5.5689, -12.8954



18.1690, 0.4097, 8.6218



16.4640, -7.1308, 0.4701

Complementary

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



14.7040, 5.5689, -12.8954



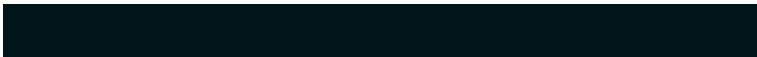
11.2960, -5.5689, 12.8954

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.



16.5680, -8.1680, 6.5179



14.7040, 5.5689, -12.8954



17.6700, -2.7953, 9.9364

Square

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



14.7040, 5.5689, -12.8954



18.1300, 2.8939, 5.1480



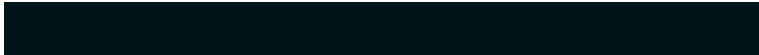
17.0460, -6.4317, 9.6067



15.0440, -3.4727, -6.1776

Rectangle

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



14.7040, 5.5689, -12.8954



17.6560, 5.0996, -2.3293



17.0460, -6.4317, 9.6067



16.6600, -7.7204, 2.9292

Sweetspot

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



14.7040, 5.5689, -12.8954



28.8360, 2.0529, -5.1182



15.9460, -4.9034, -13.9846



14.7330, 1.6106, -3.2738



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.



14.7040, 5.5689, -12.8954



18.4370, 7.1796, -16.1692



7.0730, 9.3310, -6.2030



11.8150, 0.5842, -0.7148



43.4110, 16.5594, -38.0714



115.4150, 43.6724, -101.2190

Inverse Universe

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



10.0540, 4.9034, 13.9846



12.8310, 6.4923, 17.6882



18.9270, -9.3310, 6.2030



11.7120, 0.1420, 1.1296



29.7490, 14.4207, 41.4391



78.8940, 38.5063, 109.7180

Previews

White Background



This preview shows how the YUV color 14.7040, 5.5689, -12.8954 looks on a white background.

Color Contrast Check

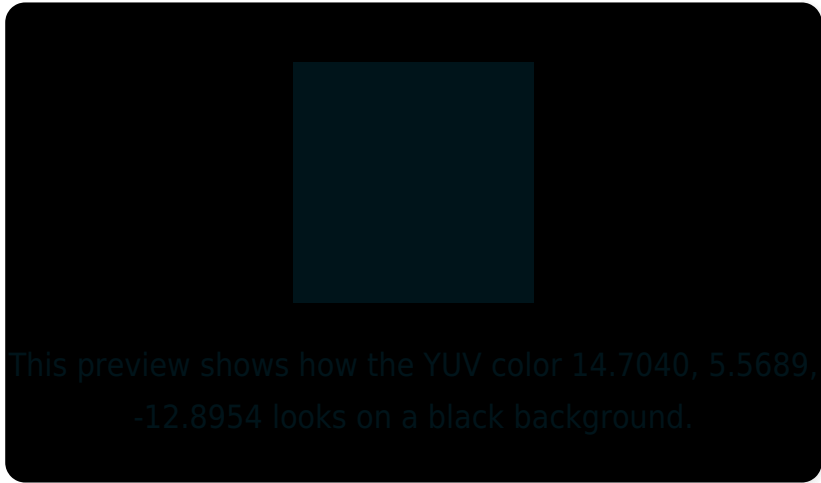
Large Text (above 18pt) WCAG AA ✓ Pass

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

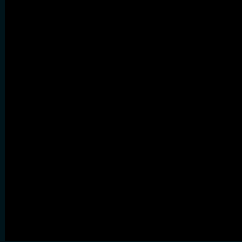
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

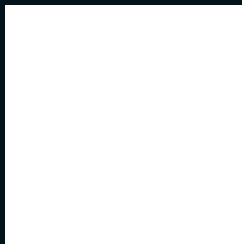
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 14.7040, 5.5689, -12.8954

Background



This preview shows how black text looks on a background with the YUV color 14.7040, 5.5689, -12.8954.



This preview shows how white text looks on a background with the YUV color 14.7040, 5.5689, -12.8954.

-12.8954.

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

14.7040, 5.5689, -12.8954

Protanopia

18.4990, 3.2050, -1.3146

Deuteranopia

18.0150, 3.9366, -2.6442



Tritanopia

14.2480, 3.8217, -12.4955

Trichromacy



Original Color

14.7040, 5.5689, -12.8954

Protanomaly

17.2920, 3.8000, -5.5181

Deuteranomaly

17.1070, 4.3842, -6.2328

Tritanomaly

14.3620, 4.2585, -12.5955

Monochromacy



Original Color

14.7040, 5.5689, -12.8954

Achromatopsia

15.0000, 0.0000, 0.0000

Achromatomaly

15.1350, 1.9054, -4.5034

CSS Examples

Text

The CSS property to change the color of the text to YUV 14.7040, 5.5689, -12.8954 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(0, 20, 26)` looks like.

```
.text, #text, p{  
    color:rgb(0, 20, 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(0, 20, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 20, 26) }
```

Border

The CSS property to change the border of an element to YUV 14.7040, 5.5689, -12.8954 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(0, 20, 26) }
```


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

```
.border{ border-color:rgb(0, 20, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 20, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 20, 26); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 20, 26); box-shadow:4px  
4px 4px 4px rgb(0, 20, 26) }
```

Background

The CSS property to change the background color of an element to YUV 14.7040, 5.5689, -12.8954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 20, 26) }
```

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

```
.background{ background-color: rgb(0, 20,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor