

Converting Colors

YUV(22.3510, 4.2640, -14.3398)

Have a look what the booklet for
YUV(22.3510, 4.2640, -14.3398)
contains.

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Color

**YUV(22.3510, 4.2640,
-14.3398)**

Conversions

Conversions Part 1

Format	Color
Hex	061D1F
RGB	6, 29, 31
RGB Percent	2%, 11%, 12%
CMY	0.9765, 0.8863, 0.8784
CMYK	0.81, 0.06, 0.00, 0.88
HSL	185°, 68%, 7%
HSV	185°, 81%, 12%
XYZ	0.7618, 1.0164, 1.4524
YIQ	22.3510, -14.3500, -4.2540

Conversions

Conversions Part 2

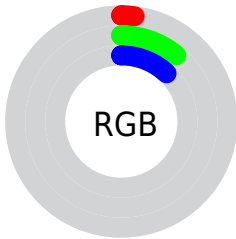
Format	Color
RYB	6, 18, 31
Decimal	400671
CIELab	9.13, -8.14, -4.11
CIELCh	9, 9.114, 206.798
Yxy	1.0164, 0.2358, 0.3146
Android (android.graphics.Color)	4278590751 (0xFF061D1F)
YUV	22.3510, 4.2640, -14.3398
Hunter-Lab	10.0816, -4.1547, -1.4843

Details

The YUV color **22.3510, 4.2640, -14.3398** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.6490, -4.2640, 14.3398**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.3510, 4.2640, -14.3398**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.4540, 4.7062, -16.1842**, and if you desaturate by 10%, it is **23.2480, 3.8217, -12.4955**.

Distribution



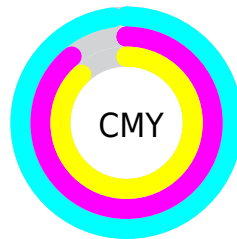
- Red (2%)
- Green (11%)
- Blue (12%)



- Red (2%)
- Yellow (7%)
- Blue (12%)



- Cyan (81%)
- Magenta (6%)
- Yellow (0%)
- Black (88%)



- Cyan (98%)
- Magenta (89%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.3510, 4.2640, -14.3398 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 22.3510, 4.2640, -14.3398 by changing the saturation by 10% instead.

■ 22.3510, 4.2640,
-14.3398

■ 22.3510, 4.2640,
-14.3398

■ 247.8240, 3.5378,
-14.7546

■ 0.6840, 2.6208,
-0.5999

■ 66.3510, 4.2640,
-14.3398

■ 0.0000, 0.0000,
0.0000

■ 89.4650, 4.7008,
-14.4398

■ 114.0520, 4.4114,
-14.9546

■ 139.7530, 4.5588,
-15.5694

■ 165.8670, 4.9956,
-15.6694

■ 193.4540, 4.7062,

-16.1842

■ 221.4540, 4.7062,
-16.1842

■ 22.3510, 4.2640,
-14.3398

■ 22.3510, 4.2640,
-14.3398

■ 21.4540, 4.7062,
-16.1842

■ 23.2480, 3.8217,
-12.4955

■ 20.5570, 5.1484,
-18.0285

■ 24.1450, 3.3795,
-10.6512

■ 25.6290, 2.6479,
-9.3216

■ 26.5260, 2.2057,
-7.4773

■ 27.7220, 1.6161,
-5.0182

■ 28.6190, 1.1738,
-3.1739

■ 30.1030, 0.4422,
-1.8443

■ 31.0000, 0.0000,
0.0000

■ 31.8970, -0.4422,
1.8443

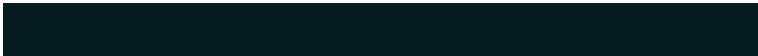
Harmonies

Analogous

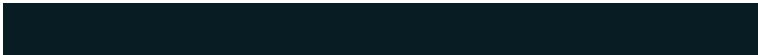
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



22.8630, 1.0535, -11.2809



22.3510, 4.2640, -14.3398



22.9320, 6.4425, -13.0954

Triad

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



22.3510, 4.2640, -14.3398



26.4290, 2.7465, 5.7628



25.1980, -6.9996, 5.0884

Complementary

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



22.3510, 4.2640, -14.3398



14.6490, -4.2640, 14.3398

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.



25.8610, -5.8475, 8.8919



22.3510, 4.2640, -14.3398



26.4680, 0.2623, 9.2366

Square

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



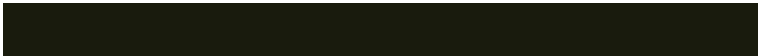
22.3510, 4.2640, -14.3398



26.0800, 5.3836, -0.0702



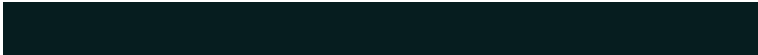
26.5560, -3.2321, 10.0364



24.8060, -5.8204, 0.1701

Rectangle

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



22.3510, 4.2640, -14.3398



24.2530, 6.2843, -8.9919



26.5560, -3.2321, 10.0364



25.3230, -6.5682, 6.7327

Sweetspot

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



22.3510, 4.2640, -14.3398



37.4230, 1.7635, -5.6330



20.9030, -6.3612, -13.0699



18.2060, 0.8844, -3.6887



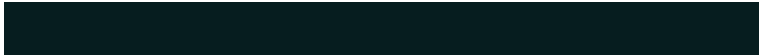
148.0000, 0.0000, 0.0000



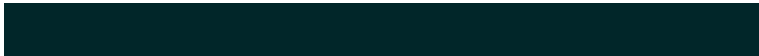
20.0000, 0.0000, 0.0000

Same Dimension

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



22.3510, 4.2640, -14.3398



27.2790, 6.7645, -23.0467



15.3070, 7.7366, -8.1622



14.7010, 0.1474, -0.6148



51.8570, 13.3815, -45.4786



135.1280, 35.4329, -118.5073

Inverse Universe

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



16.0970, 6.3612, 13.0699



17.1780, 10.2652, 20.8919



21.6930, -7.7366, 8.1622



14.4130, 0.2894, 0.5148



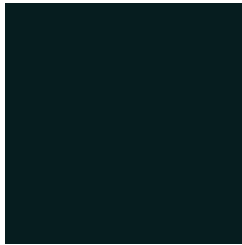
31.9430, 20.2411, 41.2690



83.5530, 52.4784, 108.2630

Previews

White Background



This preview shows how the YUV color 22.3510, 4.2640, -14.3398 looks on a white background.

Color Contrast Check

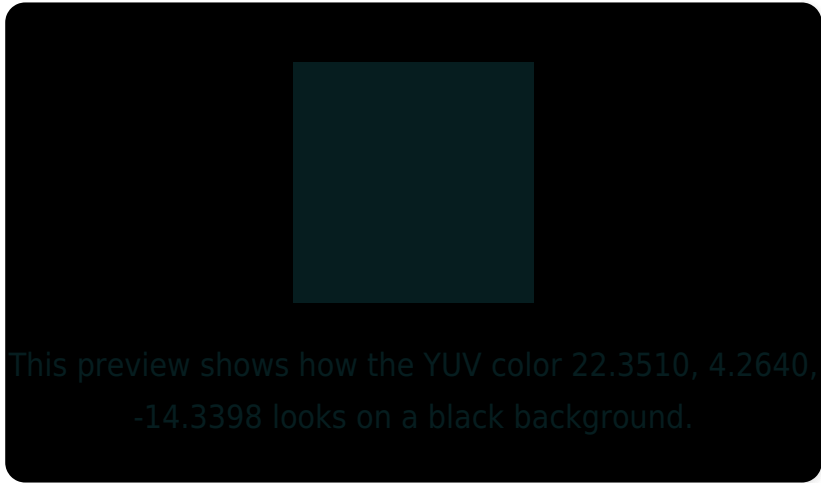
Large Text (above 18pt) WCAG AA ✓ Pass

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

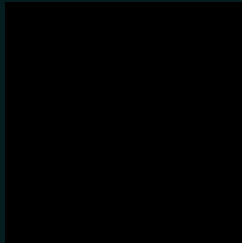
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

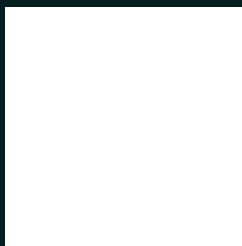
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 22.3510, 4.2640, -14.3398

Background



This preview shows how black text looks on a background with the YUV color 22.3510, 4.2640, -14.3398.



This preview shows how white text looks on a background with the YUV color 22.3510, 4.2640,

-14.3398.

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

22.3510, 4.2640, -14.3398

Protanopia

26.3420, 1.3104, -0.2999

Deuteranopia

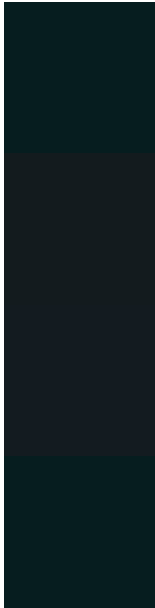
26.6840, 2.6208, -0.5999



Tritanopia

22.3510, 4.2640, -14.3398

Trichromacy



Original Color

22.3510, 4.2640, -14.3398

Protanomaly

24.9500, 2.4897, -5.2181

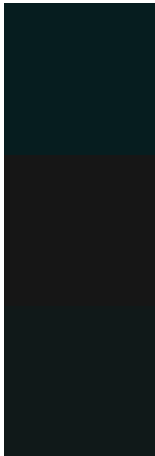
Deuteranomaly

25.1780, 3.3632, -5.4181

Tritanomaly

22.3510, 4.2640, -14.3398

Monochromacy



Original Color

22.3510, 4.2640, -14.3398

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

22.3090, 1.3267, -5.5330

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.3510, 4.2640, -14.3398 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(6, 29, 31)` looks like.

```
.text, #text, p{  
    color:rgb(6, 29, 31)  
}
```

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(6, 29, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 29, 31) }
```

Border

The CSS property to change the border of an element to YUV 22.3510, 4.2640, -14.3398 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(6, 29, 31) }
```


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

```
.border{ border-color:rgb(6, 29, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 29, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 29, 31); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 29, 31); box-shadow:4px  
4px 4px 4px rgb(6, 29, 31) }
```

Background

The CSS property to change the background color of an element to YUV 22.3510, 4.2640, -14.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 29, 31) }
```

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

```
.background{ background-color: rgb(6, 29,  
31) }
```

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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