

Converting Colors

YUV(21.8410, 1.0644, -14.7696)

Have a look what the booklet for
YUV(21.8410, 1.0644, -14.7696)
contains.

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Color

**YUV(21.8410, 1.0644,
-14.7696)**

Conversions

Conversions Part 1	
Format	Color
Hex	051E18
RGB	5, 30, 24
RGB Percent	2%, 12%, 9%
CMY	0.9804, 0.8824, 0.9059
CMYK	0.83, 0.00, 0.20, 0.88
HSL	166°, 71%, 7%
HSV	166°, 83%, 12%
XYZ	0.6917, 1.0268, 1.0259
YIQ	21.8410, -12.9740, -7.1660

Conversions

Conversions Part 2

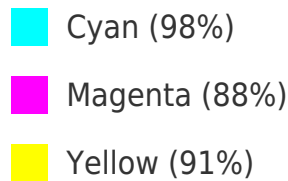
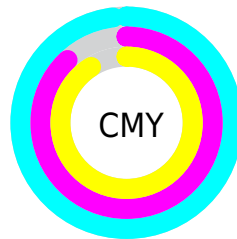
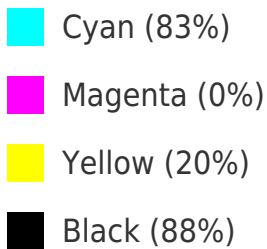
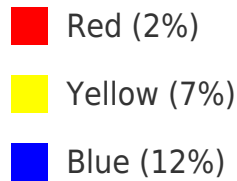
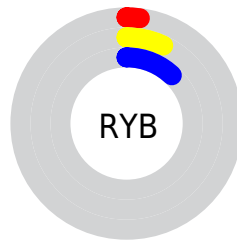
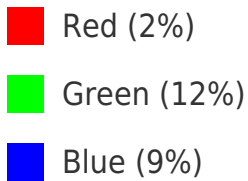
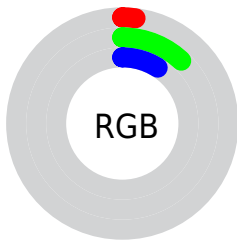
Format	Color
RYB	5, 19, 30
Decimal	335384
CIELab	9.21, -11.37, 1.23
CIELCh	9, 11.439, 173.838
Yxy	1.0268, 0.2521, 0.3741
Android (android.graphics.Color)	4278525464 (0xFF051E18)
YUV	21.8410, 1.0644, -14.7696
Hunter-Lab	10.1329, -5.5472, 1.0904

Details

The YUV color **21.8410, 1.0644, -14.7696** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13.1590, -1.0644, 14.7696**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **65.7270, 0.6276, -14.6696**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.8300, 1.0698, -16.5139**, and if you desaturate by 10%, it is **22.8520, 1.0590, -13.0252**.

Distribution




Brightness & Saturation

Gradients

These gradients show how the YUV color 21.8410, 1.0644, -14.7696 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 21.8410, 1.0644, -14.7696 by changing the saturation by 10% instead.


 21.8410, 1.0644,
-14.7696


 21.8410, 1.0644,
-14.7696


 246.6560, 1.6486,
-15.4843


 0.0000, 0.0000,
0.0000

 65.7270, 0.6276,
-14.6696

 89.3140, 0.3382,
-15.1844

 114.0150, 0.4856,
-15.7992

 139.0150, 0.4856,
-15.7992

 165.6020, 0.1962,
-16.3140


 192.6020, 0.1962,


-16.3140


 220.8900, 0.0542,
-17.4435

 21.8410, 1.0644,
-14.7696

 21.8410, 1.0644,
-14.7696


 20.8300, 1.0698,
-16.5139


 22.8520, 1.0590,
-13.0252

 20.2320, 1.3646,
-17.7435

 23.7490, 0.6167,
-11.1809

 24.7600, 0.6113,
-9.4365

 25.7710, 0.6059,
-7.6922

 26.7820, 0.6005,
-5.9478

■ 27.6790, 0.1583,
-4.1035

■ 28.6900, 0.1528,
-2.3591

■ 29.7010, 0.1474,
-0.6148

■ 30.5980, -0.2948,
1.2296

Harmonies

Analogous

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



23.6310, -3.7621, -6.6924



21.8410, 1.0644, -14.7696



21.2580, 5.2958, -18.6433

Triad

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



21.8410, 1.0644, -14.7696



26.4110, 6.6994, -2.1144



25.5300, -7.1633, 10.9362

Complementary

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



21.8410, 1.0644, -14.7696



13.1590, -1.0644, 14.7696

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.



26.2790, -3.0955, 12.9103



21.8410, 1.0644, -14.7696



27.0700, 3.9095, 6.0776

Square

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



21.8410, 1.0644, -14.7696



24.1110, 8.3263, -10.6213



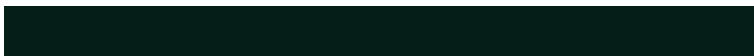
26.8920, 0.5462, 11.4957



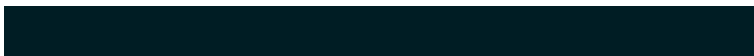
25.2260, -9.4784, 6.8178

Rectangle

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



21.8410, 1.0644, -14.7696



21.1270, 7.3324, -18.5284



26.8920, 0.5462, 11.4957



25.8830, -5.8583, 12.3806

Sweetspot

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



21.8410, 1.0644, -14.7696



35.0810, 0.4531, -5.3330



21.4690, -8.1192, -9.1813



18.0920, 0.4476, -3.5887



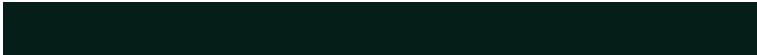
148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

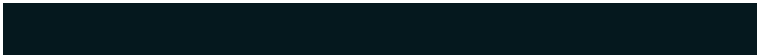
The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.8410, 1.0644, -14.7696



25.6120, 1.6703, -22.4617



19.0030, 5.4215, -12.2806



14.7010, 0.1474, -0.6148



53.2130, 3.3460, -46.6678



139.4070, 8.6733, -122.2599

Inverse Universe

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



13.1590, -1.0644, 14.7696



12.3880, -1.6703, 22.4617



15.9970, -5.4215, 12.2806



14.2990, -0.1474, 0.6148



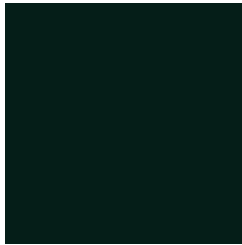
25.7870, -3.3460, 46.6678



67.5930, -8.6733, 122.2599

Previews

White Background



This preview shows how the YUV color 21.8410, 1.0644, -14.7696 looks on a white background.

Color Contrast Check

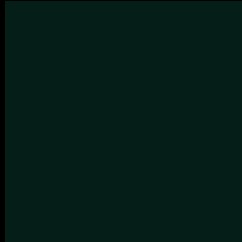
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 21.8410, 1.0644, -14.7696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

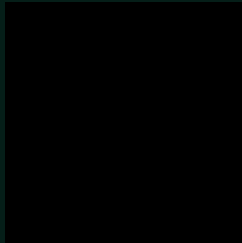
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.8410, 1.0644, -14.7696

Background



This preview shows how black text looks on a background with the YUV color 21.8410, 1.0644, -14.7696.



This preview shows how white text looks on a background with the YUV color 21.8410, 1.0644,

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

21.8410, 1.0644, -14.7696

Protanopia

26.1420, -2.0420, 1.6295

Deuteranopia

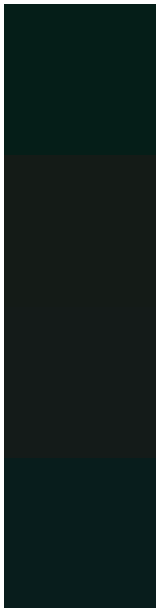
26.1960, -0.5896, 2.4591



Tritanopia

23.5470, 3.6743, -11.8807

Trichromacy



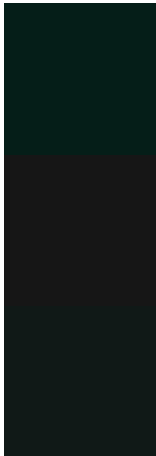
Original Color
21.8410, 1.0644, -14.7696

Protanomaly
24.4510, -0.7153, -3.9035

Deuteranomaly
24.6790, 0.1583, -4.1035

Tritanomaly
22.6070, 2.6587, -12.8103

Monochromacy



Original Color
21.8410, 1.0644, -14.7696

Achromatopsia
22.0000, 0.0000, 0.0000

Achromatomaly
22.0810, 0.4531, -5.3330

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.8410, 1.0644, -14.7696 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(5, 30, 24)` looks like.

```
.text, #text, p{  
    color:rgb(5, 30, 24)  
}
```

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(5, 30, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 30, 24) }
```

Border

The CSS property to change the border of an element to YUV 21.8410, 1.0644, -14.7696 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(5, 30, 24) }
```


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

```
.border{ border-color:rgb(5, 30, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 30, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 30, 24); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 30, 24); box-shadow:4px  
4px 4px 4px rgb(5, 30, 24) }
```

Background

The CSS property to change the background color of an element to YUV 21.8410, 1.0644, -14.7696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 30, 24) }
```

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

```
.background{ background-color: rgb(5, 30,  
24) }
```

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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