

Converting Colors

YUV(44.6130, 0.1908, -14.5696)

Have a look what the booklet for
YUV(44.6130, 0.1908, -14.5696)
contains.

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Color

**YUV(44.6130, 0.1908,
-14.5696)**

Conversions

Conversions Part 1

Format	Color
Hex	1C352D
RGB	28, 53, 45
RGB Percent	11%, 21%, 18%
CMY	0.8902, 0.7922, 0.8235
CMYK	0.47, 0.00, 0.15, 0.79
HSL	161°, 31%, 16%
HSV	161°, 47%, 21%
XYZ	2.2256, 2.9825, 2.9410
YIQ	44.6130, -12.3320, -7.7880

Conversions

Conversions Part 2

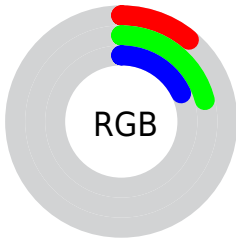
Format	Color
R _Y B	28, 43, 53
Decimal	1848621
CIE Lab	19.97, -12.01, 2.02
CIE LCh	20, 12.182, 170.474
Yxy	2.9825, 0.2731, 0.3660
Android (android.graphics.Color)	4280038701 (0xFF1C352D)
YUV	44.6130, 0.1908, -14.5696
Hunter-Lab	17.2700, -7.2187, 1.9922

Details

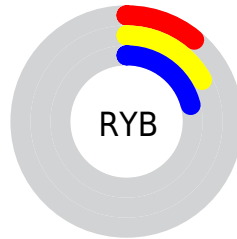
The YUV color **44.6130, 0.1908, -14.5696** is a dark color, and the websafe version is hex **003333**, and the color name is [medium jungle green](#). A complement of this color would be **36.3870, -0.1908, 14.5696**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.9010, 0.0488, -15.6992**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **42.8900, 0.0542, -17.4435**, and if you desaturate by 10%, it is **46.3360, 0.3274, -11.6957**.

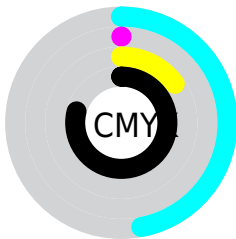
Distribution



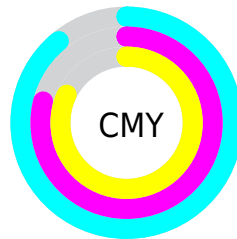
- Red (11%)
- Green (21%)
- Blue (18%)



- Red (11%)
- Yellow (17%)
- Blue (21%)



- Cyan (47%)
- Magenta (0%)
- Yellow (15%)
- Black (79%)



- Cyan (89%)
- Magenta (79%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.6130, 0.1908, -14.5696 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 44.6130, 0.1908, -14.5696 by changing the saturation by 10% instead.

■ 44.6130, 0.1908,
-14.5696

■ 44.6130, 0.1908,
-14.5696

■ 255.0000, 0.0000,
0.0000

■ 23.3140, 0.3382,
-15.1844

■ 90.9010, 0.0488,
-15.6992

■ 0.0000, 0.0000,
0.0000

■ 115.4880, -0.2406,
-16.2140

■ 141.1890, -0.0932,
-16.8288

■ 167.1890, -0.0932,
-16.8288

■ 194.7760, -0.3826,
-17.3436

■ 222.7760, -0.3826,

-17.3436

■ 247.3680, 1.7906,
-14.3547

■ 44.6130, 0.1908,
-14.5696

■ 44.6130, 0.1908,
-14.5696

■ 42.8900, 0.0542,
-17.4435

■ 46.3360, 0.3274,
-11.6957

■ 40.9820, 0.5019,
-21.0322

■ 48.2440, -0.1203,
-8.1070

■ 39.2590, 0.3653,
-23.9061

■ 49.9670, 0.0163,
-5.2331

■ 37.5360, 0.2288,
-26.7801

■ 51.6900, 0.1528,
-2.3591

■ 35.6280, 0.6764,
-30.3688

■ 53.5980, -0.2948,
1.2296

■ 35.2150, 0.3870,
-30.8836

■ 55.3210, -0.1583,
4.1035

■ 57.0440, -0.0217,
6.9774

■ 58.7670, 0.1149,
9.8513

■ 60.6750, -0.3328,
13.4400

Harmonies

Analogous

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



46.1040, -4.4883, -7.1072



44.6130, 0.1908, -14.5696



43.5460, 5.1538, -19.7728

Triad

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



44.6130, 0.1908, -14.5696



48.7530, 8.0098, -2.4144



48.9540, -6.8793, 13.1953

Complementary

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



44.6130, 0.1908, -14.5696



36.3870, -0.1908, 14.5696

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.



49.1760, -3.5378, 14.7546



44.6130, 0.1908, -14.5696



49.7110, 5.0725, 6.3925

Square

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



44.6130, 0.1908, -14.5696



46.7410, 9.4947, -12.0509



49.6040, 0.6882, 12.6253



48.1660, -8.4628, 7.7474

Rectangle

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



44.6130, 0.1908, -14.5696



44.1160, 7.3378, -20.2727



49.6040, 0.6882, 12.6253



48.8940, -5.8637, 14.1250

Sweetspot

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



44.6130, 0.1908, -14.5696



65.6680, 0.1637, -5.8478



45.0670, -8.4140, -7.9518



33.9780, 0.0108, -3.4887



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



44.6130, 0.1908, -14.5696



55.8570, 0.0705, -22.6766



43.1770, 4.8427, -13.3102



24.9890, 0.0054, -1.7444



59.1970, 0.8889, -51.9158



144.1370, 1.4115, -126.4081

Inverse Universe

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



36.3870, -0.1908, 14.5696



43.0290, -0.5073, 22.7766



37.8230, -4.8427, 13.3102



24.0110, -0.0054, 1.7444



29.9170, -0.4521, 51.8158



72.7490, -1.8483, 126.5081

Previews

White Background



This preview shows how the YUV color 44.6130, 0.1908, -14.5696 looks on a white background.

Color Contrast Check

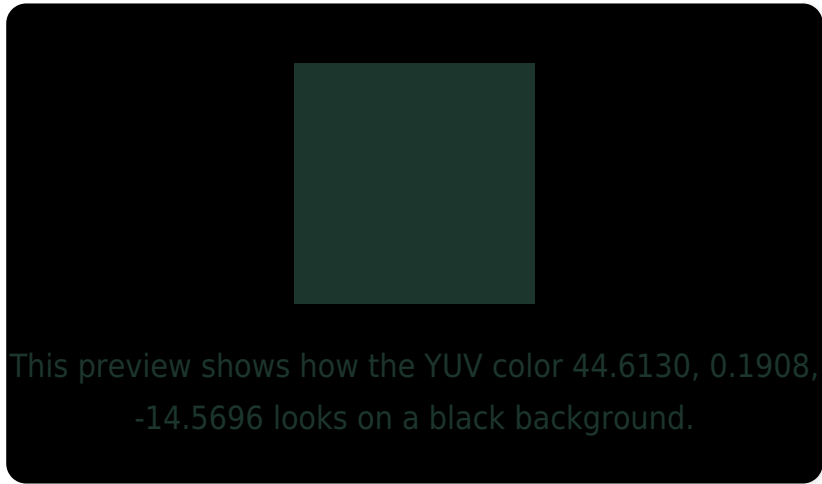
Large Text (above 18pt) WCAG AA ✓ Pass

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

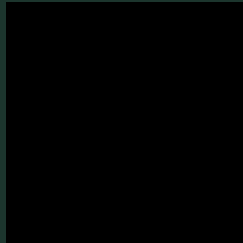
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.6130, 0.1908, -14.5696

Background



This preview shows how black text looks on a background with the YUV color 44.6130, 0.1908, -14.5696.



This preview shows how white text looks on a background with the YUV color 44.6130, 0.1908, -14.5696.

-14.5696.

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

44.6130, 0.1908, -14.5696

Protanopia

47.9140, -2.9156, 1.8294

Deuteranopia

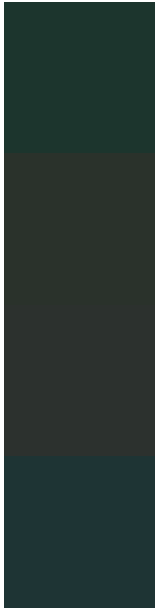
48.6800, -1.3212, 3.7886



Tritanopia

46.1770, 4.8427, -13.3102

Trichromacy



Original Color

44.6130, 0.1908, -14.5696

Protanomaly

46.8100, -1.8783, -4.2184

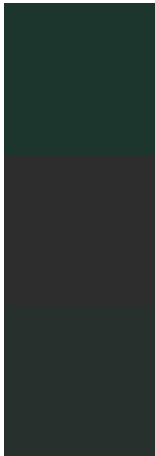
Deuteranomaly

47.1630, -0.5734, -2.7740

Tritanomaly

45.4220, 3.2430, -13.5251

Monochromacy



Original Color

44.6130, 0.1908, -14.5696

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

44.9670, 0.0163, -5.2331

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.6130, 0.1908, -14.5696 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(28, 53, 45)` looks like.

```
.text, #text, p{  
    color:rgb(28, 53, 45)  
}
```

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(28, 53, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 53, 45) }
```

Border

The CSS property to change the border of an element to YUV 44.6130, 0.1908, -14.5696 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(28, 53, 45) }
```


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

```
.border{ border-color:rgb(28, 53, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 53, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 53, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 53, 45);  
box-shadow:4px 4px 4px 4px rgb(28, 53, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.6130, 0.1908, -14.5696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 53, 45) }
```

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

```
.background{ background-color: rgb(28, 53,  
45) }
```

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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