

Converting Colors

YUV(131.7860, 14.4025,
-46.2933)

Have a look what the booklet for
YUV(131.7860, 14.4025, -46.2933)
contains.

YUV(131.7860, 14.4025, -46.2933)	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(131.7860, 14.4025,
-46.2933)**

Conversions

Conversions Part 1

Format	Color
Hex	4F99A1
RGB	79, 153, 161
RGB Percent	31%, 60%, 63%
CMY	0.6902, 0.4000, 0.3686
CMYK	0.51, 0.05, 0.00, 0.37
HSL	186°, 34%, 47%
HSV	186°, 51%, 63%
XYZ	21.0487, 27.0179, 37.8238
YIQ	131.7860, -46.6720, -13.2000

Conversions

Conversions Part 2

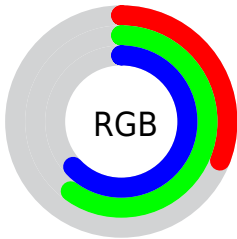
Format	Color
RYB	79, 118, 161
Decimal	5216673
CIELab	58.99, -20.73, -11.30
CIElCh	59, 23.611, 208.590
Yxy	27.0179, 0.2451, 0.3146
Android (android.graphics.Color)	4283406753 (0xFF4F99A1)
YUV	131.7860, 14.4025, -46.2933
Hunter-Lab	51.9788, -18.6797, -6.7589

Details

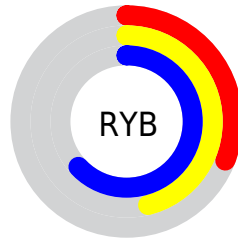
The YUV color **131.7860, 14.4025, -46.2933** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **108.2140, -14.4025, 46.2933**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.7860, 14.4025, -46.2933**, and **76.6000, 16.4662, -54.9002** is the 20% darker color. If you saturate the color by 10%, you get **125.8280, 17.3398, -55.1002**, and if you desaturate by 10%, it is **137.7440, 11.4652, -37.4865**.

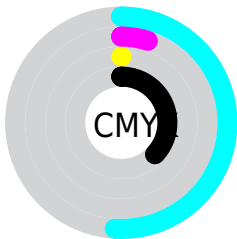
Distribution



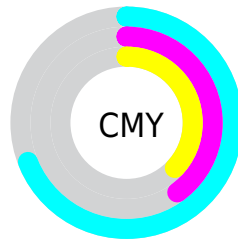
- Red (31%)
- Green (60%)
- Blue (63%)



- Red (31%)
- Yellow (46%)
- Blue (63%)



- Cyan (51%)
- Magenta (5%)
- Yellow (0%)
- Black (37%)



- Cyan (69%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.7860, 14.4025, -46.2933 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 131.7860, 14.4025, -46.2933 by changing the saturation by 10% instead.

■ 131.7860, 14.4025,
-46.2933

■ 131.7860, 14.4025,
-46.2933

■ 255.0000, 0.0000,
0.0000

■ 104.8890, 14.8447,
-48.1377

■ 186.7860, 14.4025,
-46.2933

■ 76.6000, 16.4662,
-54.9002

■ 214.7860, 14.4025,
-46.2933

■ 54.8890, 14.8447,
-48.1377

■ 235.5650, 9.5815,
-39.9605

■ 38.7660, 11.4544,
-33.9978

■ 244.2360, 5.3067,
-22.1320

■ 23.9310, 7.9220,
-20.9875

■ 253.2060, 0.8844,
-3.6887

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 131.7860, 14.4025,
-46.2933

■ 131.7860, 14.4025,
-46.2933

■ 125.8280, 17.3398,
-55.1002

■ 137.7440, 11.4652,
-37.4865

■ 120.4570, 19.9877,
-64.4218

■ 143.1150, 8.8173,
-28.1649

■ 114.4990, 22.9250,
-73.2286

■ 149.0730, 5.8800,
-19.3580

■ 109.1280, 25.5729,
-82.5503

■ 154.4440, 3.2321,
-10.0364

■ 103.4690, 28.3628,
-90.7423

■ 160.7010, 0.1474,
-0.6148

■ 166.0720, -2.5005,
8.7069

■ 172.0300, -5.4378,
17.5137

■ 177.9880, -8.3751,
26.3205

■ 183.3590,
-11.0230, 35.6422

Harmonies

Analogous

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



132.6810, 3.6083, -37.4312



131.7860, 14.4025, -46.2933



134.8390, 20.7854, -40.2008

Triad

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



131.7860, 14.4025, -46.2933



145.2380, 9.2497, 19.9623



140.9360, -19.6884, 14.9651

Complementary

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



131.7860, 14.4025, -46.2933



108.2140, -14.4025, 46.2933

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.



142.5940, -17.5478, 28.4201



131.7860, 14.4025, -46.2933



145.0840, -0.5344, 31.4983

Square

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



131.7860, 14.4025, -46.2933



143.7670, 16.8769, 0.2043



143.8750, -10.2914, 34.3126



138.9230, -16.7240, -2.5635

Rectangle

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



131.7860, 14.4025, -46.2933



137.8450, 21.7684, -28.8051



143.8750, -10.2914, 34.3126



141.6700, -19.5573, 19.5834

Sweetspot

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



131.7860, 14.4025, -46.2933



197.9700, 5.4378, -17.5137



127.9320, -20.6725, -42.9134



98.1450, 3.3795, -10.6512



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



131.7860, 14.4025, -46.2933



163.9830, 22.1934, -71.8991



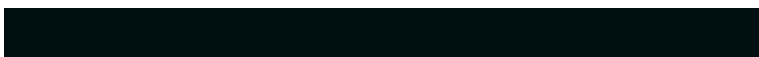
108.3060, 25.9781, -25.7014



78.7220, 1.6161, -5.0182



93.4270, 25.4255, -81.9355



11.4440, 3.2321, -10.0364

Inverse Universe

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



111.9540, 20.2357, 43.0133



133.0830, 31.5111, 66.5792



131.6940, -25.9781, 25.7014



76.6030, 2.1677, 4.7332



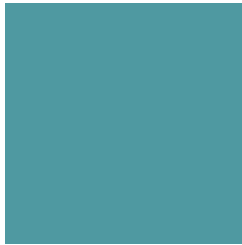
58.2890, 35.8465, 76.0455



7.2060, 4.3354, 9.4663

Previews

White Background



This preview shows how the YUV color 131.7860, 14.4025, -46.2933 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 131.7860, 14.4025, -46.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

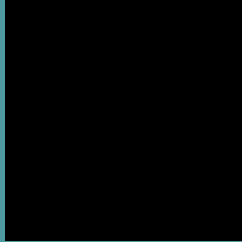
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.7860, 14.4025, -46.2933

Background



This preview shows how black text looks on a background with the YUV color 131.7860, 14.4025, -46.2933.

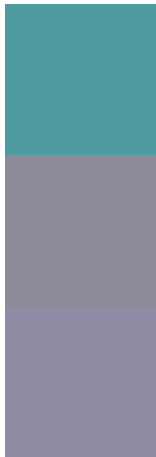


This preview shows how white text looks on a background with the YUV color 131.7860, 14.4025, -46.2933.

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

131.7860, 14.4025, -46.2933

Protanopia

141.4820, 5.6784, -1.2997

Deuteranopia

142.7580, 10.4723, 1.0892



Tritanopia

131.9540, 16.2917, -45.5637

Trichromacy



Original Color

131.7860, 14.4025, -46.2933

Protanomaly

138.1810, 8.7848, -17.6987

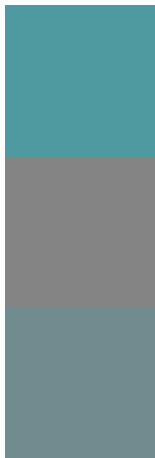
Deuteranomaly

138.4030, 12.1263, -16.1394

Tritanomaly

131.8400, 15.8549, -45.4637

Monochromacy



Original Color

131.7860, 14.4025, -46.2933

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.2690, 5.2904, -16.8989

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.7860, 14.4025, -46.2933 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(79, 153, 161)` looks like.

```
.text, #text, p{  
    color:rgb(79, 153, 161)  
}
```

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(79, 153, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 153, 161) }
```

Border

The CSS property to change the border of an element to YUV 131.7860, 14.4025, -46.2933 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(79, 153, 161) }
```


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

```
.border{ border-color:rgb(79, 153, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 153, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 153, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 153, 161);  
box-shadow:4px 4px 4px 4px rgb(79, 153,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 131.7860, 14.4025, -46.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 153, 161) }
```

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

```
.background{ background-color: rgb(79, 153,  
161) }
```

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