

Converting Colors

YUV(160.8830, 17.3127,
-46.3784)

Have a look what the booklet for
YUV(160.8830, 17.3127, -46.3784)
contains.

YUV(160.8830, 17.3127, -46.3784)	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(160.8830, 17.3127,
-46.3784)**

Conversions

Conversions Part 1

Format	Color
Hex	6CB5C4
RGB	108, 181, 196
RGB Percent	42%, 71%, 77%
CMY	0.5765, 0.2902, 0.2314
CMYK	0.45, 0.08, 0.00, 0.23
HSL	190°, 43%, 60%
HSV	190°, 45%, 77%
XYZ	32.6720, 40.2214, 58.2661
YIQ	160.8830, -48.3230, -10.8110

Conversions

Conversions Part 2

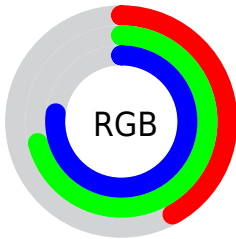
Format	Color
RYB	108, 148, 196
Decimal	7124420
CIELab	69.63, -18.83, -14.74
CIELCh	70, 23.912, 218.058
Yxy	40.2214, 0.2491, 0.3067
Android (android.graphics.Color)	4285314500 (0xFF6CB5C4)
YUV	160.8830, 17.3127, -46.3784
Hunter-Lab	63.4204, -19.0285, -10.0771

Details

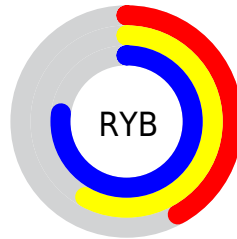
The YUV color $160.8830, 17.3127, -46.3784$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $143.1170, -17.3127, 46.3784$, and the grayscale version is $161.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $216.9970, 17.7495, -46.4784$, and $106.5730, 17.4655, -48.7375$ is the 20% darker color. If you saturate the color by 10%, you get $153.1420, 21.1290, -57.1295$, and if you desaturate by 10%, it is $168.6240, 13.4964, -35.6272$.

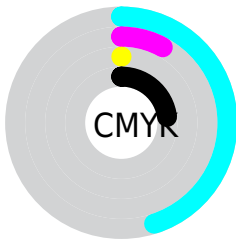
Distribution



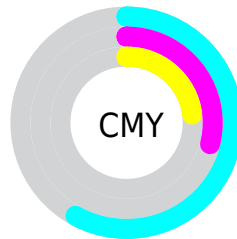
- Red (42%)
- Green (71%)
- Blue (77%)



- Red (42%)
- Yellow (58%)
- Blue (77%)



- Cyan (45%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)



- Cyan (58%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.8830, 17.3127, -46.3784 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 160.8830, 17.3127, -46.3784 by changing the saturation by 10% instead.

■ 160.8830, 17.3127,
-46.3784

■ 160.8830, 17.3127,
-46.3784

■ 255.0000, 0.0000,
0.0000

■ 133.5840, 17.4601,
-46.9932

■ 216.9970, 17.7495,
-46.4784

■ 106.5730, 17.4655,
-48.7375

■ 236.1630, 9.2866,
-38.7310

■ 77.9850, 19.2344,
-56.1148

■ 244.8340, 5.0118,
-20.9024

■ 56.8610, 17.3235,
-49.8671

■ 253.8040, 0.5896,
-2.4591

■ 40.1510, 14.2226,
-35.2124

■ 25.2020, 10.2534,
-22.1022

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 160.8830, 17.3127,
-46.3784

■ 160.8830, 17.3127,
-46.3784

■ 153.1420, 21.1290,
-57.1295

■ 168.6240, 13.4964,
-35.6272

■ 145.1130, 25.0873,
-66.7511

■ 176.6530, 9.5381,
-26.0057

■ 137.3720, 28.9036,
-77.5022

■ 184.3940, 5.7218,
-15.2545

■ 129.9300, 32.5725,
-87.6386

■ 191.8360, 2.0529,
-5.1182

■ 121.6020, 36.6782,
-97.8750

■ 200.1640, -2.0529,
5.1182

■ 118.0250, 38.4417,
-103.5079

■ 207.9050, -5.8692,
15.8693

■ 215.3470, -9.5381,
26.0057

■ 220.6850,
-12.1697, 30.0943

■ 222.4460,
-13.0379, 28.5499

Harmonies

Analogous

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



160.2720, 7.2609, -42.3345



160.8830, 17.3127, -46.3784



164.9150, 22.2269, -35.8825

Triad

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



160.8830, 17.3127, -46.3784



174.1740, 6.3232, 25.2804



168.6750, -20.5458, 9.9320

Complementary

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



160.8830, 17.3127, -46.3784



143.1170, -17.3127, 46.3784

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.



170.3010, -19.8684, 26.0460



160.8830, 17.3127, -46.3784



173.1940, -4.0396, 35.7869

Square

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



160.8830, 17.3127, -46.3784



173.0560, 15.2554, 6.9669



171.9630, -13.7858, 35.1124



165.9330, -15.2500, -8.7112

Rectangle

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



160.8830, 17.3127, -46.3784



167.7040, 22.3309, -22.5424



171.9630, -13.7858, 35.1124



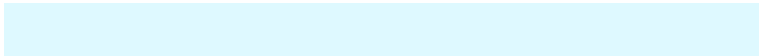
169.3060, -20.8569, 16.3946

Sweetspot

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



160.8830, 17.3127, -46.3784



241.6110, 6.6008, -17.1988



161.3660, -18.9144, -46.8020



119.3730, 4.2531, -10.8511



0.0000, 0.0000, 0.0000



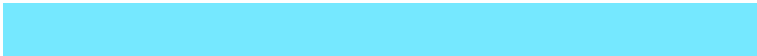
128.0000, 0.0000, 0.0000

Same Dimension

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



160.8830, 17.3127, -46.3784



200.2370, 26.9982, -72.9988



135.0550, 30.0459, -23.7272



92.8360, 2.0529, -5.1182



96.4250, 31.8355, -84.5647



19.6110, 6.6008, -17.1988

Inverse Universe

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



142.6340, 18.9144, 46.8020



171.3720, 29.8896, 73.3418



168.9450, -30.0459, 23.7272



90.9020, 2.0203, 5.3479



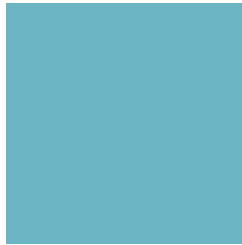
63.3010, 34.3616, 85.6820



12.9450, 6.9291, 17.5882

Previews

White Background



This preview shows how the YUV color 160.8830, 17.3127, -46.3784 looks on a white background.

Color Contrast Check

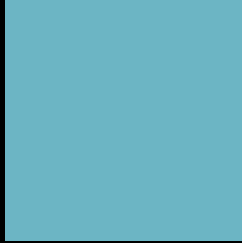
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 160.8830, 17.3127, -46.3784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

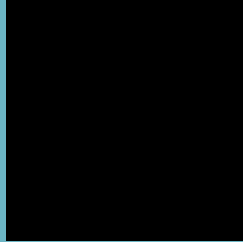
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.8830, 17.3127, -46.3784 Background



This preview shows how black text looks on a background with the YUV color 160.8830, 17.3127, -46.3784.



This preview shows how white text looks on a background with the YUV color 160.8830, 17.3127, -46.3784.

-46.3784.

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

160.8830, 17.3127, -46.3784

Protanopia

169.9810, 8.8834, -2.6143

Deuteranopia

170.6700, 13.9667, 0.2894



Tritanopia

160.8830, 17.3127, -46.3784

Trichromacy



Original Color

160.8830, 17.3127, -46.3784

Protanomaly

166.9790, 11.8424, -18.3986

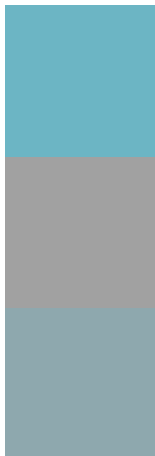
Deuteranomaly

167.2010, 15.1839, -16.8393

Tritanomaly

160.8830, 17.3127, -46.3784

Monochromacy



Original Color

160.8830, 17.3127, -46.3784

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

160.9100, 6.4534, -16.5841

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.8830, 17.3127, -46.3784 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(108, 181, 196)` looks like.

```
.text, #text, p{  
    color:rgb(108, 181, 196)  
}
```

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(108, 181, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 181, 196) }
```

Border

The CSS property to change the border of an element to YUV 160.8830, 17.3127, -46.3784 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(108, 181, 196) }
```


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

```
.border{ border-color:rgb(108, 181, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 181, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 181, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 181, 196);  
box-shadow:4px 4px 4px 4px rgb(108, 181,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 160.8830, 17.3127, -46.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 181, 196) }
```

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

```
.background{ background-color: rgb(108,  
181, 196) }
```

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