

Converting Colors

YUV(180.7860, 14.4025,
-46.2933)

Have a look what the booklet for
YUV(180.7860, 14.4025, -46.2933)
contains.

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Color

**YUV(180.7860, 14.4025,
-46.2933)**

Conversions

Conversions Part 1

Format	Color
Hex	80CAD2
RGB	128, 202, 210
RGB Percent	50%, 79%, 82%
CMY	0.4980, 0.2078, 0.1765
CMYK	0.39, 0.04, 0.00, 0.18
HSL	186°, 48%, 66%
HSV	186°, 39%, 82%
XYZ	41.6555, 51.4834, 68.7146
YIQ	180.7860, -46.6720, -13.2000

Conversions

Conversions Part 2

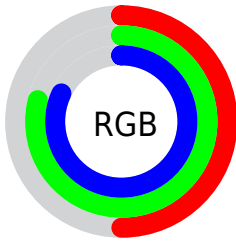
Format	Color
R _{YB}	128, 167, 210
Decimal	8440530
CIE _{Lab}	76.97, -20.94, -11.26
CIE _{LCh}	77, 23.776, 208.257
Yxy	51.4834, 0.2574, 0.3181
Android (android.graphics.Color)	4286630610 (0xFF80CAD2)
YUV	180.7860, 14.4025, -46.2933
Hunter-Lab	71.7519, -21.9380, -6.5538

Details

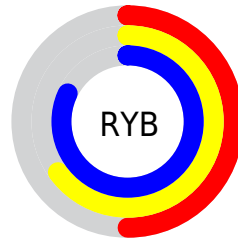
The YUV color **180.7860, 14.4025, -46.2933** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **157.2140, -14.4025, 46.2933**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.7710, 10.4659, -43.6492**, and **126.4870, 14.5499, -46.9081** is the 20% darker color. If you saturate the color by 10%, you get **173.3330, 18.0768, -58.1740**, and if you desaturate by 10%, it is **188.2390, 10.7282, -34.4126**.

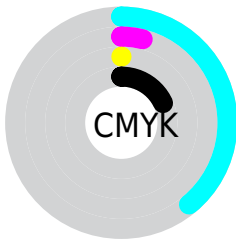
Distribution



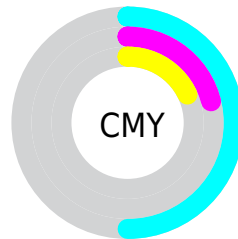
- Red (50%)
- Green (79%)
- Blue (82%)



- Red (50%)
- Yellow (65%)
- Blue (82%)



- Cyan (39%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (50%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.7860, 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 180.7860, 14.4025, -46.2933 by changing the saturation by 10% instead.

■ 180.7860, 14.4025,
-46.2933

■ 180.7860, 14.4025,
-46.2933

■ 255.0000, 0.0000,
0.0000

■ 153.3730, 14.1131,
-46.8081

■ 233.7710, 10.4659,
-43.6492

■ 126.4870, 14.5499,
-46.9081

■ 242.4420, 6.1911,
-25.8206

■ 99.2910, 15.1395,
-49.3672

■ 251.1130, 1.9163,
-7.9921

■ 68.7950, 17.3561,
-60.3332

■ 51.9710, 13.8183,
-45.5786

■ 35.8480, 10.4279,
-31.4387

■ 21.7140, 7.0430,

-19.0432

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 180.7860, 14.4025,
-46.2933

■ 180.7860, 14.4025,
-46.2933

■ 173.3330, 18.0768,
-58.1740

■ 188.2390, 10.7282,
-34.4126

■ 165.8800, 21.7512,
-70.0548

■ 195.6920, 7.0538,
-22.5319

■ 158.4270, 25.4255,
-81.9355

■ 203.1450, 3.3795,
-10.6512

■ 150.9740, 29.0998,
-93.8162

■ 210.5980, -0.2948,
1.2296

■ 143.5210, 32.7741,
-105.6969

■ 218.0510, -3.9691,
13.1103

■ 136.0680, 36.4485,
-117.5776

■ 225.5040, -7.6435,
24.9910

■ 135.4700, 36.7433,
-118.8072

■ 226.9770, -8.3697,
24.5762

■ 228.1510, -8.9484,
23.5466

■ 229.3250, -9.5272,
22.5170

Harmonies

Analogous

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



181.8550, 3.0295, -38.4608



180.7860, 14.4025, -46.2933



183.0670, 21.6590, -40.4008

Triad

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



180.7860, 14.4025, -46.2933



193.6510, 9.5391, 20.4771



189.1920, -21.2937, 16.4946

Complementary

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



180.7860, 14.4025, -46.2933



157.2140, -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.



191.2630, -18.8637, 30.4643



180.7860, 14.4025, -46.2933



193.3940, -0.6872, 33.8575

Square

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



180.7860, 14.4025, -46.2933



192.1090, 18.1873, -0.0956



192.9570, -11.3178, 36.8717



186.6950, -17.5976, -2.3635

Rectangle

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



180.7860, 14.4025, -46.2933



186.7740, 22.7894, -29.6198



192.9570, -11.3178, 36.8717



190.2250, -21.3099, 21.7277

Sweetspot

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



180.7860, 14.4025, -46.2933



243.9700, 5.4378, -17.5137



176.9320, -20.6725, -42.9134



121.4440, 3.2321, -10.0364



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.



180.7860, 14.4025, -46.2933



212.0760, 21.1615, -67.5957



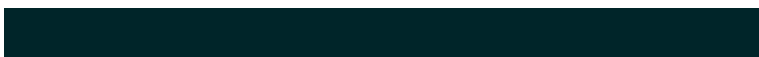
157.3060, 25.9781, -25.7014



101.1240, 1.9109, -6.2477



108.3760, 29.3946, -95.0458



26.3930, 7.2013, -23.1467

Inverse Universe

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



160.9540, 20.2357, 43.0133



183.1920, 29.4853, 62.9756



180.6940, -25.9781, 25.7014



98.4290, 2.7465, 5.7628



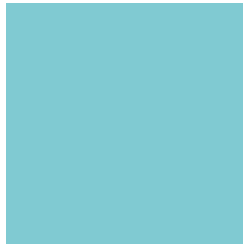
67.5600, 41.6289, 88.0859



16.4770, 10.1178, 21.5067

Previews

White Background



This preview shows how the YUV color 180.7860, 14.4025, -46.2933 looks on a white background.

Color Contrast Check

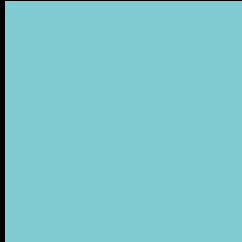
Large Text (above 18pt) WCAG AA × Fail

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 180.7860, 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 ✓ Pass

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

YUV 180.7860, 14.4025, -46.2933

Background



This preview shows how black text looks on a background with the YUV color 180.7860, 14.4025, -46.2933.



This preview shows how white text looks on a background with the YUV color 180.7860, 14.4025, -46.2933.

-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

180.7860, 14.4025, -46.2933

Protanopia

189.7810, 5.5310, -0.6849

Deuteranopia

191.0080, 11.3351, 4.3780



Tritanopia

181.5950, 17.4547, -45.2488

Trichromacy



Original Color

180.7860, 14.4025, -46.2933

Protanomaly

186.4800, 8.6374, -17.0840

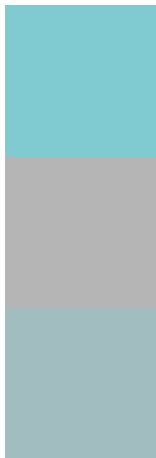
Deuteranomaly

187.5280, 12.5577, -14.4951

Tritanomaly

180.9540, 16.2917, -45.5637

Monochromacy



Original Color

180.7860, 14.4025, -46.2933

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.2690, 5.2904, -16.8989

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.7860, 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(128, 202, 210)` looks like.

```
.text, #text, p{  
    color:rgb(128, 202, 210)  
}
```

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(128, 202, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 202, 210) }
```

Border

The CSS property to change the border of an element to YUV 180.7860, 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(128, 202, 210) }
```


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

```
.border{ border-color:rgb(128, 202, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 202, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 202, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 202, 210);  
box-shadow:4px 4px 4px 4px rgb(128, 202,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 180.7860, 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(128, 202, 210) }
```

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

```
.background{ background-color: rgb(128,  
202, 210) }
```

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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