

Converting Colors

YUV(84.2030, 18.6339,
-50.1670)

Have a look what the booklet for
YUV(84.2030, 18.6339, -50.1670)
contains.

YUV(84.2030, 18.6339, -50.1670)	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(84.2030, 18.6339,
-50.1670)**

Conversions

Conversions Part 1

Format	Color
Hex	1B6A7A
RGB	27, 106, 122
RGB Percent	11%, 42%, 48%
CMY	0.8941, 0.5843, 0.5216
CMYK	0.78, 0.13, 0.00, 0.52
HSL	190°, 64%, 29%
HSV	190°, 78%, 48%
XYZ	9.1189, 11.9462, 20.2376
YIQ	84.2030, -52.2200, -11.7720

Conversions

Conversions Part 2

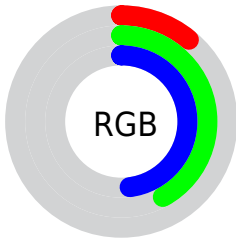
Format	Color
R_{YB}	27, 70, 122
Decimal	1796730
CIE _{Lab}	41.13, -17.36, -15.64
CIE _{LCh}	41, 23.362, 222.017
Yxy	11.9462, 0.2208, 0.2892
Android (android.graphics.Color)	4279986810 (0xFF1B6A7A)
YUV	84.2030, 18.6339, -50.1670
Hunter-Lab	34.5633, -13.3919, -10.5213

Details

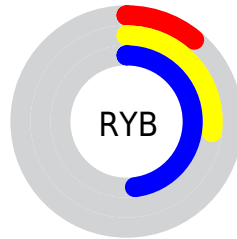
The YUV color **84.2030, 18.6339, -50.1670** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **64.7970, -18.6339, 50.1670**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.0080, 17.7441, -44.7340**, and **42.3680, 15.1016, -37.1567** is the 20% darker color. If you saturate the color by 10%, you get **79.4410, 20.9816, -56.5148**, and if you desaturate by 10%, it is **88.9650, 16.2863, -43.8193**.

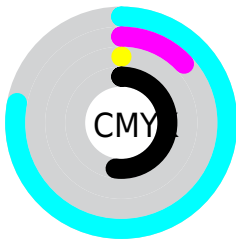
Distribution



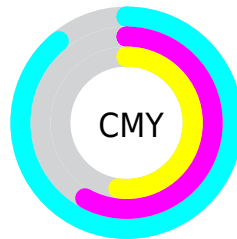
- Red (11%)
- Green (42%)
- Blue (48%)



- Red (11%)
- Yellow (27%)
- Blue (48%)



- Cyan (78%)
- Magenta (13%)
- Yellow (0%)
- Black (52%)



- Cyan (89%)
- Magenta (58%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.2030, 18.6339, -50.1670 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 84.2030, 18.6339, -50.1670 by changing the saturation by 10% instead.

■ 84.2030, 18.6339,
-50.1670

■ 84.2030, 18.6339,
-50.1670

■ 255.0000, 0.0000,
0.0000

■ 59.1920, 18.6393,
-51.9114

■ 138.0080, 17.7441,
-44.7340

■ 42.3680, 15.1016,
-37.1567

■ 165.4210, 18.0334,
-44.2192

■ 27.5330, 11.5692,
-24.1464

■ 193.4210, 18.0334,
-44.2192

■ 8.7030, 10.4994,
-7.6325

■ 221.6660, 16.4337,
-44.4341

■ 0.1140, 0.4368,
-0.1000

■ 238.2560, 8.2548,
-34.4275

■ 0.0000, 0.0000,
0.0000

■ 246.9270, 3.9800,

-16.5990

■ 84.2030, 18.6339,
-50.1670

■ 84.2030, 18.6339,
-50.1670

■ 79.4410, 20.9816,
-56.5148

■ 88.9650, 16.2863,
-43.8193

■ 74.6790, 23.3293,
-62.8625

■ 93.7270, 13.9386,
-37.4716

■ 73.1950, 24.0609,
-64.1920

■ 98.7880, 11.4435,
-30.5091

■ 103.5500, 9.0959,
-24.1613

■ 108.3120, 6.7482,
-17.8136

■ 113.0740, 4.4005,
-11.4659

■ 117.8360, 2.0529,
-5.1182

■ 122.8970, -0.4422,
1.8443

■ 127.6590, -2.7899,
8.1921

Harmonies

Analogous

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



84.8310, 9.4503, -44.5788



84.2030, 18.6339, -50.1670



90.2850, 21.0585, -34.4529

Triad

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



84.2030, 18.6339, -50.1670



99.7070, 4.5814, 23.9360



94.7500, -17.6247, 6.3582

Complementary

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



84.2030, 18.6339, -50.1670



64.7970, -18.6339, 50.1670

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.



96.8380, -17.6681, 20.3131



84.2030, 18.6339, -50.1670



98.7590, -4.3182, 31.7834

Square

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



84.2030, 18.6339, -50.1670



99.1980, 13.2134, 8.5964



98.1580, -12.8959, 29.6794



92.4320, -12.0450, -10.0259

Rectangle

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



84.2030, 18.6339, -50.1670



94.4440, 19.9941, -19.6834



98.1580, -12.8959, 29.6794



95.5550, -18.5146, 11.7913

Sweetspot

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



84.2030, 18.6339, -50.1670



143.7140, 7.0430, -19.0432



84.5890, -20.5034, -50.5056



70.0740, 4.4005, -11.4659



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



84.2030, 18.6339, -50.1670



99.3720, 28.9036, -77.5022



56.6140, 32.2353, -25.9715



58.6190, 1.1738, -3.1739



75.2980, 24.5031, -66.0363



151.9980, 49.3010, -133.3022

Inverse Universe

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



64.4110, 20.5034, 50.5056



68.8610, 31.6205, 78.1749



92.3860, -32.2353, 25.9715



57.3640, 1.2995, 3.1888



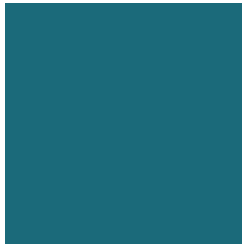
49.2310, 27.0011, 66.4494



99.2880, 54.5810, 133.9284

Previews

White Background



This preview shows how the YUV color 84.2030, 18.6339, -50.1670 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 × Fail

Black Background



This preview shows how the YUV color 84.2030, 18.6339, -50.1670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

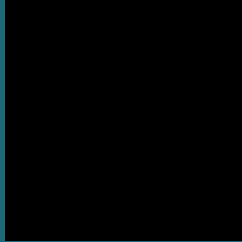
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.2030, 18.6339, -50.1670

Background



This preview shows how black text looks on a background with the YUV color 84.2030, 18.6339, -50.1670.



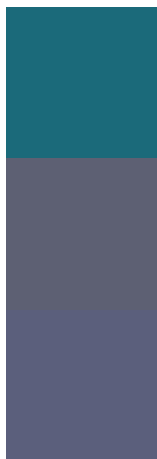
This preview shows how white text looks on a background with the YUV color 84.2030, 18.6339,

-50.1670.

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

84.2030, 18.6339, -50.1670

Protanopia

97.2690, 8.7414, -3.7439

Deuteranopia

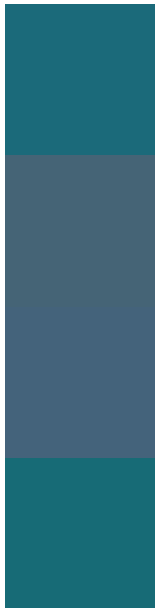
97.1100, 13.2568, -5.3585



Tritanopia

82.3120, 16.6082, -53.7706

Trichromacy



Original Color

84.2030, 18.6339, -50.1670

Protanomaly

92.7830, 12.4320, -20.8577

Deuteranomaly

92.4670, 15.0528, -21.4576

Tritanomaly

83.1380, 17.1870, -52.7410

Monochromacy



Original Color

84.2030, 18.6339, -50.1670

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0130, 6.8956, -18.4284

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.2030, 18.6339, -50.1670 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(27, 106, 122)` looks like.

```
.text, #text, p{  
    color:rgb(27, 106, 122)  
}
```

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(27, 106, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 106, 122) }
```

Border

The CSS property to change the border of an element to YUV 84.2030, 18.6339, -50.1670 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(27, 106, 122) }
```


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

```
.border{ border-color:rgb(27, 106, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 106, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 106, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 106, 122);  
box-shadow:4px 4px 4px 4px rgb(27, 106,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 84.2030, 18.6339, -50.1670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 106, 122) }
```

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

```
.background{ background-color: rgb(27, 106,  
122) }
```

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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