

Converting Colors

YUV(173.4860, 19.4804,
-41.6452)

Have a look what the booklet for
YUV(173.4860, 19.4804, -41.6452)
contains.

YUV(173.4860, 19.4804, -41.6452)	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(173.4860, 19.4804,
-41.6452)**

Conversions

Conversions Part 1

Format	Color
Hex	7EBED5
RGB	126, 190, 213
RGB Percent	49%, 75%, 84%
CMY	0.5059, 0.2549, 0.1647
CMYK	0.41, 0.11, 0.00, 0.16
HSL	196°, 51%, 66%
HSV	196°, 41%, 84%
XYZ	39.0279, 46.0666, 69.7856
YIQ	173.4860, -45.5270, -6.4150

Conversions

Conversions Part 2

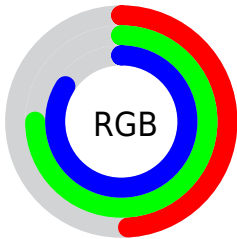
Format	Color
RYB	126, 163, 213
Decimal	8306389
CIELab	73.59, -14.52, -17.97
CIELCh	74, 23.109, 231.060
Yxy	46.0666, 0.2520, 0.2974
Android (android.graphics.Color)	4286496469 (0xFF7EBED5)
YUV	173.4860, 19.4804, -41.6452
Hunter-Lab	67.8724, -16.1359, -13.4506

Details

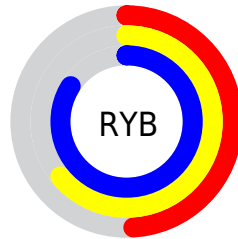
The YUV color **173.4860, 19.4804, -41.6452** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **165.5140, -19.4804, 41.6452**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.8900, 13.3652, -40.2455**, and **119.6600, 18.9016, -42.6748** is the 20% darker color. If you saturate the color by 10%, you get **163.6850, 24.3123, -51.4667**, and if you desaturate by 10%, it is **183.2870, 14.6485, -31.8237**.

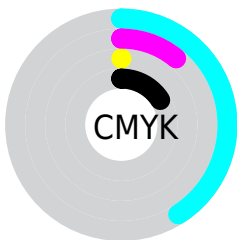
Distribution



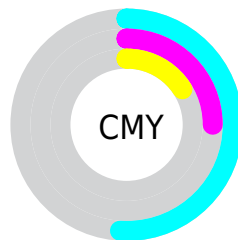
- Red (49%)
- Green (75%)
- Blue (84%)



- Red (49%)
- Yellow (64%)
- Blue (84%)



- Cyan (41%)
- Magenta (11%)
- Yellow (0%)
- Black (16%)



- Cyan (51%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.4860, 19.4804, -41.6452 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 173.4860, 19.4804, -41.6452 by changing the saturation by 10% instead.

■ 173.4860, 19.4804,
-41.6452

■ 173.4860, 19.4804,
-41.6452

255.0000, 0.0000,
0.0000

■ 146.3720, 19.0436,
-41.5452

■ 227.8900, 13.3652,
-40.2455

■ 119.6600, 18.9016,
-42.6748

■ 241.8440, 6.4859,
-27.0502

■ 92.7630, 19.3438,
-44.5192

■ 250.5150, 2.2111,
-9.2217

■ 63.2670, 21.5604,
-55.4852

■ 46.4430, 18.0226,
-40.7305

■ 30.9070, 14.3428,
-27.1054

■ 17.2460, 10.2317,

-15.1247

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 173.4860, 19.4804,
-41.6452

■ 173.4860, 19.4804,
-41.6452

■ 163.6850, 24.3123,
-51.4667

■ 183.2870, 14.6485,
-31.8237

■ 154.1720, 29.0022,
-62.4178

■ 192.8000, 9.9586,
-20.8726

■ 144.3710, 33.8341,
-72.2394

■ 202.6010, 5.1267,
-11.0511

■ 134.5700, 38.6660,
-82.0609

■ 212.4020, 0.2948,
-1.2296

■ 125.0570, 43.3559,
-93.0120

■ 221.9150, -4.3951,
9.7215

■ 116.4410, 47.6036,
-102.1188

■ 231.7160, -9.2270,
19.5431

■ 234.9500,
-10.8214, 17.5838

■ 238.4720,
-12.5577, 14.4951

■ 241.9940,
-14.2940, 11.4063

Harmonies

Analogous

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



171.9990, 11.3395, -43.8491



173.4860, 19.4804, -41.6452



177.8560, 21.7630, -27.0607

Triad

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



173.4860, 19.4804, -41.6452



184.3550, 1.7970, 30.3837



178.2010, -18.3401, 2.4547

Complementary

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



173.4860, 19.4804, -41.6452



165.5140, -19.4804, 41.6452

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.



180.4420, -20.4309, 19.7834



173.4860, 19.4804, -41.6452



183.7550, -8.2602, 36.1719

Square

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



173.4860, 19.4804, -41.6452



184.4870, 11.5919, 15.3589



181.9580, -16.2483, 31.6088



175.4420, -10.5709, -16.1736

Rectangle

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



173.4860, 19.4804, -41.6452



180.6020, 20.4092, -12.8060



181.9580, -16.2483, 31.6088



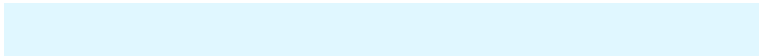
179.1910, -19.8142, 8.6025

Sweetspot

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



173.4860, 19.4804, -41.6452



241.0350, 6.8847, -14.9397



179.5770, -15.5675, -46.9870



119.6830, 4.1003, -8.4920



0.0000, 0.0000, 0.0000



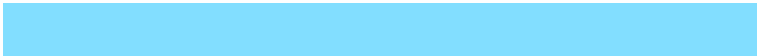
128.0000, 0.0000, 0.0000

Same Dimension

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



173.4860, 19.4804, -41.6452



198.2540, 27.9758, -59.8588



148.8320, 31.6348, -20.0237



101.9500, 2.4897, -5.2181



93.4560, 38.2292, -81.9609



23.6860, 9.5218, -20.7726

Inverse Universe

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



159.3090, 15.1307, 47.0870



177.8630, 21.7595, 67.6491



190.1680, -31.6348, 20.0237



100.2010, 1.8729, 5.9627



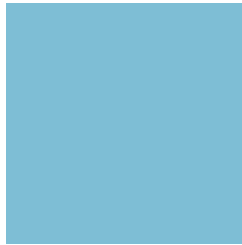
65.4930, 29.8300, 92.5296



16.5050, 7.6390, 23.2361

Previews

White Background



This preview shows how the YUV color 173.4860, 19.4804, -41.6452 looks on a white background.

Color Contrast Check

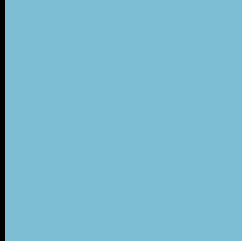
Large Text (above 18pt) WCAG AA × Fail

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 173.4860, 19.4804, -41.6452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

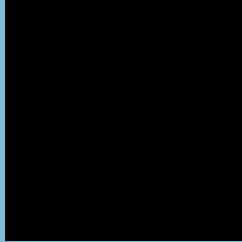
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.4860, 19.4804, -41.6452

Background



This preview shows how black text looks on a background with the YUV color 173.4860, 19.4804, -41.6452.



This preview shows how white text looks on a background with the YUV color 173.4860, 19.4804, -41.6452.

-41.6452.

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

173.4860, 19.4804, -41.6452

Protanopia

181.1810, 12.2358, -4.5437

Deuteranopia

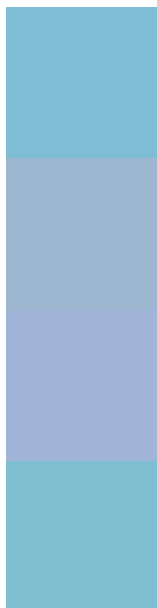
181.7560, 16.8823, -1.5400



Tritanopia

172.6770, 16.4282, -42.6897

Trichromacy



Original Color

173.4860, 19.4804, -41.6452

Protanomaly

178.4890, 15.0419, -17.9689

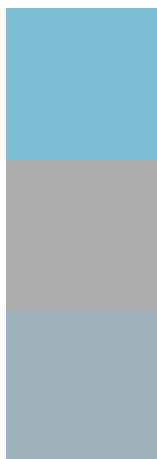
Deuteranomaly

178.5970, 17.9467, -16.3096

Tritanomaly

173.3180, 17.5912, -42.3749

Monochromacy



Original Color

173.4860, 19.4804, -41.6452

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.1490, 7.3215, -15.0397

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.4860, 19.4804, -41.6452 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(126, 190, 213)` looks like.

```
.text, #text, p{  
    color:rgb(126, 190, 213)  
}
```

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(126, 190, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 190, 213) }
```

Border

The CSS property to change the border of an element to YUV 173.4860, 19.4804, -41.6452 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(126, 190, 213) }
```


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

```
.border{ border-color:rgb(126, 190, 213) }
```

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

Here you see how a box with a 4 pixel rgb(126, 190, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 190, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 190, 213);  
box-shadow:4px 4px 4px 4px rgb(126, 190,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 173.4860, 19.4804, -41.6452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 190, 213) }
```

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

```
.background{ background-color: rgb(126,  
190, 213) }
```

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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