

Converting Colors

YUV(166.2470, 18.6122,
-43.1896)

Have a look what the booklet for
YUV(166.2470, 18.6122, -43.1896)
contains.

YUV(166.2470, 18.6122, -43.1896)	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(166.2470, 18.6122,
-43.1896)**

Conversions

Conversions Part 1

Format	Color
Hex	75B8CC
RGB	117, 184, 204
RGB Percent	46%, 72%, 80%
CMY	0.5412, 0.2784, 0.2000
CMYK	0.43, 0.10, 0.00, 0.20
HSL	194°, 46%, 63%
HSV	194°, 43%, 80%
XYZ	35.3757, 42.4225, 63.4506
YIQ	166.2470, -46.3520, -7.9840

Conversions

Conversions Part 2

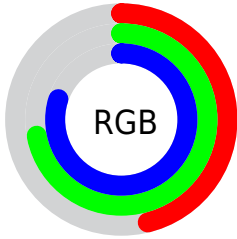
Format	Color
RYB	117, 155, 204
Decimal	7715020
CIELab	71.16, -16.04, -16.78
CIELCh	71, 23.206, 226.293
Yxy	42.4225, 0.2504, 0.3003
Android (android.graphics.Color)	4285905100 (0xFF75B8CC)
YUV	166.2470, 18.6122, -43.1896
Hunter-Lab	65.1326, -17.0326, -12.1661

Details

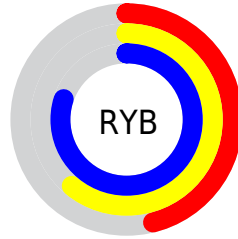
The YUV color **166.2470, 18.6122, -43.1896** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **154.7530, -18.6122, 43.1896**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.6770, 16.4282, -42.6897**, and **112.2360, 18.6177, -44.9340** is the 20% darker color. If you saturate the color by 10%, you get **157.3320, 23.0073, -52.9112**, and if you desaturate by 10%, it is **175.1620, 14.2171, -33.4681**.

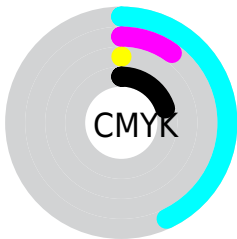
Distribution



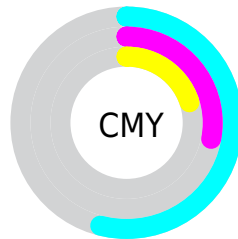
- Red (46%)
- Green (72%)
- Blue (80%)



- Red (46%)
- Yellow (61%)
- Blue (80%)



- Cyan (43%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (54%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2470, 18.6122, -43.1896 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 166.2470, 18.6122, -43.1896 by changing the saturation by 10% instead.

■ 166.2470, 18.6122,
-43.1896

■ 166.2470, 18.6122,
-43.1896

■ 255.0000, 0.0000,
0.0000

■ 138.9480, 18.7596,
-43.8044

■ 221.6770, 16.4282,
-42.6897

■ 112.2360, 18.6177,
-44.9340

■ 238.8540, 7.9600,
-33.1980

■ 85.3280, 19.0653,
-48.5227

■ 247.5250, 3.6852,
-15.3694

■ 58.8330, 19.8023,
-51.5965

■ 42.5960, 15.9752,
-37.3567

■ 27.0600, 12.2954,
-23.7316

■ 9.5180, 11.0836,

-8.3473

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 166.2470, 18.6122,
-43.1896

■ 166.2470, 18.6122,
-43.1896

■ 157.3320, 23.0073,
-52.9112

■ 175.1620, 14.2171,
-33.4681

■ 148.7050, 27.2604,
-63.7623

■ 183.7890, 9.9640,
-22.6170

■ 139.7900, 31.6555,
-73.4838

■ 192.7040, 5.5689,
-12.8954

■ 130.5760, 36.1980,
-83.8202

■ 201.9180, 1.0264,
-2.5591

■ 122.2480, 40.3037,
-94.0565

■ 210.2460, -3.0793,
7.6773

■ 115.4150, 43.6724,
-101.2190

■ 219.1610, -7.4744,
17.3988

■ 226.8800,
-11.2798, 24.6612

■ 229.8150,
-12.7268, 22.0872

■ 232.1630,
-13.8844, 20.0280

Harmonies

Analogous

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



164.9560, 9.8817, -42.9344



166.2470, 18.6122, -43.1896



170.2470, 22.0632, -30.0346

Triad

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



166.2470, 18.6122, -43.1896



177.8000, 3.5496, 28.2394



171.8100, -18.6403, 5.4286

Complementary

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



166.2470, 18.6122, -43.1896



154.7530, -18.6122, 43.1896

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.



174.5670, -19.9995, 21.4277



166.2470, 18.6122, -43.1896



177.0970, -6.9498, 35.8719

Square

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



166.2470, 18.6122, -43.1896



177.5190, 13.0551, 12.6998



175.8980, -15.2327, 32.5385



169.4100, -12.0341, -13.5146

Rectangle

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



166.2470, 18.6122, -43.1896



173.6940, 20.8569, -16.3946



175.8980, -15.2327, 32.5385



172.8000, -20.1144, 11.5764

Sweetspot

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



166.2470, 18.6122, -43.1896



240.4370, 7.1796, -16.1692



170.2350, -16.8779, -46.6871



118.7860, 4.5425, -10.3363



0.0000, 0.0000, 0.0000



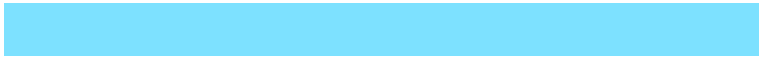
128.0000, 0.0000, 0.0000

Same Dimension

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



166.2470, 18.6122, -43.1896



198.5200, 27.8446, -64.4770



141.5930, 30.7667, -21.5681



97.8360, 2.0529, -5.1182



94.0600, 35.4664, -82.4906



21.3550, 8.2060, -18.7283

Inverse Universe

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



150.6510, 16.4411, 46.7871



175.2700, 24.5169, 69.9232



179.4070, -30.7667, 21.5681



95.9020, 2.0203, 5.3479



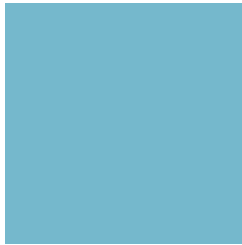
64.2260, 31.4406, 89.2558



14.6680, 7.0657, 20.4622

Previews

White Background



This preview shows how the YUV color 166.2470, 18.6122, -43.1896 looks on a white background.

Color Contrast Check

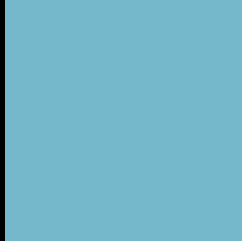
Large Text (above 18pt) WCAG AA × Fail

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 166.2470, 18.6122, -43.1896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

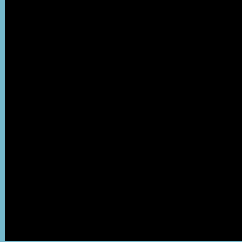
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.2470, 18.6122, -43.1896

Background



This preview shows how black text looks on a background with the YUV color 166.2470, 18.6122, -43.1896.



This preview shows how white text looks on a background with the YUV color 166.2470, 18.6122, -43.1896.

-43.1896.

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

166.2470, 18.6122, -43.1896

Protanopia

174.1380, 10.7780, -3.6290

Deuteranopia

174.8270, 15.8613, -0.7253



Tritanopia

166.0790, 16.7231, -43.9193

Trichromacy



Original Color

166.2470, 18.6122, -43.1896

Protanomaly

171.1470, 13.7315, -17.6689

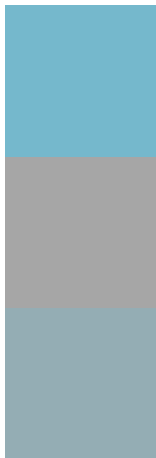
Deuteranomaly

171.3690, 17.0731, -16.1096

Tritanomaly

166.1930, 17.1599, -44.0193

Monochromacy



Original Color

166.2470, 18.6122, -43.1896

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.3230, 6.7428, -16.0693

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2470, 18.6122, -43.1896 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(117, 184, 204)` looks like.

```
.text, #text, p{  
    color:rgb(117, 184, 204)  
}
```

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(117, 184, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 184, 204) }
```

Border

The CSS property to change the border of an element to YUV 166.2470, 18.6122, -43.1896 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(117, 184, 204) }
```


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

```
.border{ border-color:rgb(117, 184, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 184, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 184, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 184, 204);  
box-shadow:4px 4px 4px 4px rgb(117, 184,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 166.2470, 18.6122, -43.1896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 184, 204) }
```

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

```
.background{ background-color: rgb(117,  
184, 204) }
```

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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