

Converting Colors

YUV(166.3420, 7.7194,
-49.4119)

Have a look what the booklet for
YUV(166.3420, 7.7194, -49.4119)
contains.

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Color

**YUV(166.3420, 7.7194,
-49.4119)**

Conversions

Conversions Part 1

Format	Color
Hex	6EC0B6
RGB	110, 192, 182
RGB Percent	43%, 75%, 71%
CMY	0.5686, 0.2471, 0.2863
CMYK	0.43, 0.00, 0.05, 0.25
HSL	173°, 39%, 59%
HSV	173°, 43%, 75%
XYZ	33.7235, 44.3917, 51.0470
YIQ	166.3420, -45.6620, -20.4940

Conversions

Conversions Part 2

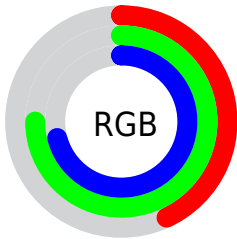
Format	Color
RYB	110, 154, 192
Decimal	7258294
CIELab	72.49, -27.45, -2.80
CIElCh	72, 27.591, 185.828
Yxy	44.3917, 0.2611, 0.3437
Android (android.graphics.Color)	4285448374 (0xFF6EC0B6)
YUV	166.3420, 7.7194, -49.4119
Hunter-Lab	66.6271, -26.2489, 1.2133

Details

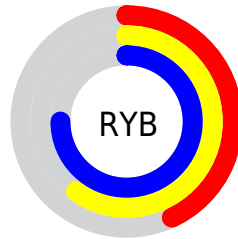
The YUV color **166.3420, 7.7194, -49.4119** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **135.6580, -7.7194, 49.4119**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.9290, 7.4300, -49.9267**, and **111.8580, 8.4510, -50.7415** is the 20% darker color. If you saturate the color by 10%, you get **160.4330, 9.6465, -60.8927**, and if you desaturate by 10%, it is **172.2510, 5.7923, -37.9311**.

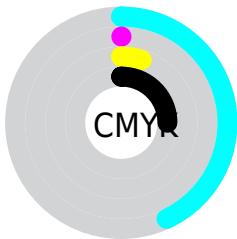
Distribution



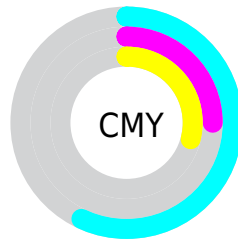
- Red (43%)
- Green (75%)
- Blue (71%)



- Red (43%)
- Yellow (60%)
- Blue (75%)



- Cyan (43%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)



- Cyan (57%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.3420, 7.7194, -49.4119 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 166.3420, 7.7194, -49.4119 by changing the saturation by 10% instead.

■ 166.3420, 7.7194,
-49.4119

■ 166.3420, 7.7194,
-49.4119

255.0000, 0.0000,
0.0000

■ 139.0430, 7.8668,
-50.0267

■ 222.9290, 7.4300,
-49.9267

■ 111.8580, 8.4510,
-50.7415

■ 236.7610, 8.9918,
-37.5014

■ 83.5800, 10.0671,
-55.7597

■ 245.4320, 4.7170,
-19.6729

■ 60.7760, 9.4774,
-53.3006

254.4020, 0.2948,
-1.2296

■ 44.0660, 6.3765,
-38.6459

■ 28.1710, 3.8597,
-24.7060

■ 11.1020, 1.9217,

-9.7365

■ 0.0000, 0.0000,
0.0000

■ 166.3420, 7.7194,
-49.4119

■ 166.3420, 7.7194,
-49.4119

■ 160.4330, 9.6465,
-60.8927

■ 172.2510, 5.7923,
-37.9311

■ 154.4100, 11.1369,
-72.2736

■ 178.2740, 4.3019,
-26.5503

■ 148.2020, 13.2114,
-84.3692

■ 184.4820, 2.2274,
-14.4547

■ 142.2930, 15.1386,
-95.8500

■ 190.3910, 0.3002,
-2.9739

■ 136.2700, 16.6289,
-107.2308

■ 196.4140, -1.1901,
8.4069

■ 131.9700, 18.2558,
-115.7377

■ 202.3230, -3.1172,
19.8877

■ 208.2320, -5.0444,
31.3685

■ 211.8630, -5.3555,
37.8311

■ 212.0910, -4.4819,
37.6312

Harmonies

Analogous

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



169.6790, -6.7437, -30.4135



166.3420, 7.7194, -49.4119



166.0990, 19.6712, -56.2148

Triad

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



166.3420, 7.7194, -49.4119



180.9680, 18.7498, 6.1671



178.2370, -22.7948, 31.3642

Complementary

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



166.3420, 7.7194, -49.4119



135.6580, -7.7194, 49.4119

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.



179.9530, -15.2598, 41.2602



166.3420, 7.7194, -49.4119



181.7660, 8.4964, 28.2692

Square

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



166.3420, 7.7194, -49.4119



176.2250, 25.5251, -20.3683



181.3410, -3.6191, 40.9199



176.1870, -23.7562, 12.9910

Rectangle

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



166.3420, 7.7194, -49.4119



168.5110, 24.8911, -50.4371



181.3410, -3.6191, 40.9199



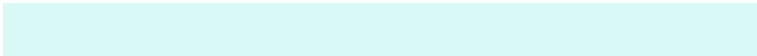
179.1280, -20.7691, 34.9677

Sweetspot

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



166.3420, 7.7194, -49.4119



239.6770, 3.1172, -19.8877



161.4230, -25.3515, -35.4510



118.7920, 2.0745, -12.0956



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



166.3420, 7.7194, -49.4119



209.9040, 11.8793, -77.0918



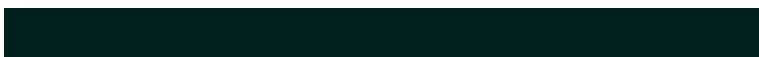
149.8720, 20.7691, -34.9677



93.8960, 1.0373, -6.0478



110.5810, 14.9966, -96.9795



22.6770, 3.1172, -19.8877

Inverse Universe

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



135.6580, -7.7194, 49.4119



162.0960, -11.8793, 77.0918



152.1280, -20.7691, 34.9677



90.1040, -1.0373, 6.0478



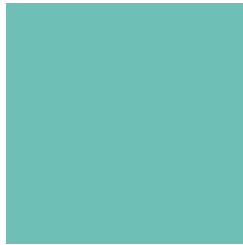
50.4190, -14.9966, 96.9795



10.3230, -3.1172, 19.8877

Previews

White Background



This preview shows how the YUV color 166.3420, 7.7194, -49.4119 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 166.3420, 7.7194, -49.4119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

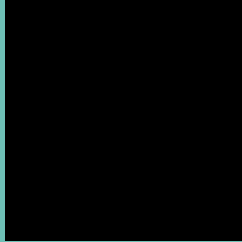
Any Text WCAG AA ✓ Pass

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 166.3420, 7.7194, -49.4119 Background



This preview shows how black text looks on a background with the YUV color 166.3420, 7.7194, -49.4119.



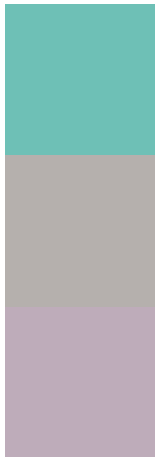
This preview shows how white text looks on a background with the YUV color 166.3420, 7.7194,

-49.4119.

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

166.3420, 7.7194, -49.4119

Protanopia

177.1530, -2.0474, 3.3738

Deuteranopia

178.9780, 3.4618, 9.6663



Tritanopia

168.8830, 17.3127, -46.3784

Trichromacy



Original Color

166.3420, 7.7194, -49.4119

Protanomaly

173.2430, 1.3592, -15.9991

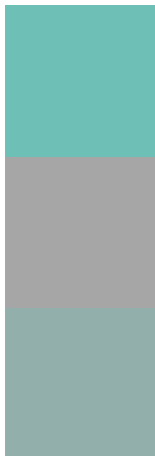
Deuteranomaly

174.3020, 5.2741, -11.6659

Tritanomaly

167.9600, 13.8237, -47.3229

Monochromacy



Original Color

166.3420, 7.7194, -49.4119

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9870, 2.9644, -17.5286

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.3420, 7.7194, -49.4119 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(110, 192, 182)` looks like.

```
.text, #text, p{  
    color:rgb(110, 192, 182)  
}
```

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(110, 192, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 192, 182) }
```

Border

The CSS property to change the border of an element to YUV 166.3420, 7.7194, -49.4119 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(110, 192, 182) }
```


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

```
.border{ border-color:rgb(110, 192, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 192, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 192, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 192, 182);  
box-shadow:4px 4px 4px 4px rgb(110, 192,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 166.3420, 7.7194, -49.4119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 192, 182) }
```

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

```
.background{ background-color: rgb(110,  
192, 182) }
```

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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