

Converting Colors

YUV(166.8950, 12.3768,
-49.8969)

Have a look what the booklet for
YUV(166.8950, 12.3768, -49.8969)
contains.

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Color

**YUV(166.8950, 12.3768,
-49.8969)**

Conversions

Conversions Part 1

Format	Color
Hex	6EBFC0
RGB	110, 191, 192
RGB Percent	43%, 75%, 75%
CMY	0.5686, 0.2510, 0.2471
CMYK	0.43, 0.01, 0.00, 0.25
HSL	181°, 39%, 59%
HSV	181°, 43%, 75%
XYZ	34.5756, 44.3824, 56.6135
YIQ	166.8950, -48.5970, -16.8610

Conversions

Conversions Part 2

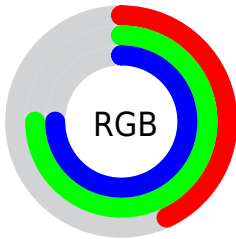
Format	Color
RYB	110, 151, 192
Decimal	7258048
CIELab	72.48, -24.47, -8.27
CIElCh	72, 25.824, 198.668
Yxy	44.3824, 0.2550, 0.3274
Android (android.graphics.Color)	4285448128 (0xFF6EBFC0)
YUV	166.8950, 12.3768, -49.8969
Hunter-Lab	66.6201, -23.9442, -3.7503

Details

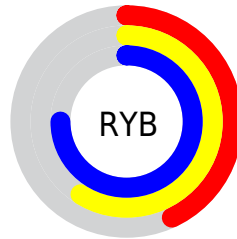
The YUV color **166.8950, 12.3768, -49.8969** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **135.1050, -12.3768, 49.8969**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.4820, 12.0874, -50.4117**, and **112.1120, 13.2558, -51.8412** is the 20% darker color. If you saturate the color by 10%, you get **161.2140, 15.1775, -61.5777**, and if you desaturate by 10%, it is **172.5760, 9.5760, -38.2162**.

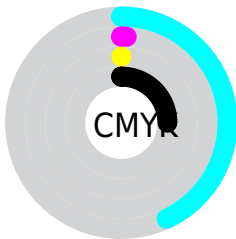
Distribution



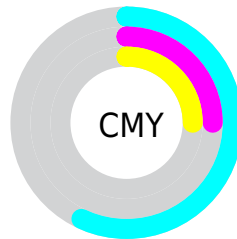
- Red (43%)
- Green (75%)
- Blue (75%)



- Red (43%)
- Yellow (59%)
- Blue (75%)



- Cyan (43%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 166.8950, 12.3768, -49.8969 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 166.8950, 12.3768, -49.8969 by changing the saturation by 10% instead.

■ 166.8950, 12.3768,
-49.8969

■ 166.8950, 12.3768,
-49.8969

255.0000, 0.0000,
0.0000

■ 139.5960, 12.5242,
-50.5117

■ 223.4820, 12.0874,
-50.4117

■ 112.1120, 13.2558,
-51.8412

■ 237.0600, 8.8444,
-36.8866

■ 83.7090, 14.4405,
-58.5038

■ 245.7310, 4.5696,
-19.0581

■ 61.2150, 13.6980,
-53.6856

254.4020, 0.2948,
-1.2296

■ 44.3910, 10.1602,
-38.9309

■ 28.9690, 6.9173,
-25.4058

■ 12.6010, 5.1267,

-11.0511

■ 0.0000, 0.0000,
0.0000

■ 166.8950, 12.3768,
-49.8969

■ 166.8950, 12.3768,
-49.8969

■ 161.2140, 15.1775,
-61.5777

■ 172.5760, 9.5760,
-38.2162

■ 155.5330, 17.9782,
-73.2584

■ 178.2570, 6.7753,
-26.5354

■ 148.9660, 21.2158,
-85.0392

■ 184.8240, 3.5378,
-14.7546

■ 143.2850, 24.0165,
-96.7199

■ 190.5050, 0.7370,
-3.0739

■ 137.6040, 26.8172,
-108.4007

■ 196.1860, -2.0637,
8.6069

■ 133.4180, 28.8809,
-117.0076

■ 201.8670, -4.8644,
20.2876

■ 208.1350, -7.9546,
31.4536

■ 211.4240, -9.5760,
38.2162

Harmonies

Analogous

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



169.2420, -0.6123, -37.0462



166.8950, 12.3768, -49.8969



168.3110, 21.5387, -48.5077

Triad

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



166.8950, 12.3768, -49.8969



181.3560, 13.6285, 15.4738



177.2960, -22.3309, 22.5424

Complementary

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



166.8950, 12.3768, -49.8969



135.1050, -12.3768, 49.8969

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.



179.5240, -18.0063, 35.4975



166.8950, 12.3768, -49.8969



182.0070, 2.9545, 32.4429

Square

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



166.8950, 12.3768, -49.8969



178.5640, 21.4139, -8.3876



180.7770, -8.2711, 39.6606



175.2290, -20.8189, 4.1842

Rectangle

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



166.8950, 12.3768, -49.8969



171.7620, 24.2743, -39.2563



180.7770, -8.2711, 39.6606



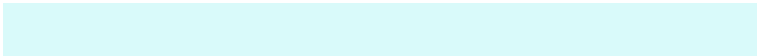
178.4430, -21.9104, 27.6755

Sweetspot

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



166.8950, 12.3768, -49.8969



240.1330, 4.8644, -20.2876



158.1340, -23.7301, -42.2135



119.0200, 2.9481, -12.2955



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.



166.8950, 12.3768, -49.8969



210.5540, 19.4469, -77.6619



143.4150, 23.9524, -29.3050



94.0100, 1.4741, -6.1478



111.6870, 24.3113, -97.9495



23.1330, 4.8644, -20.2876

Inverse Universe

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



143.7520, 23.2933, 42.3135



174.6360, 36.1685, 66.0942



158.5850, -23.9524, 29.3050



91.1300, 2.8939, 5.1480



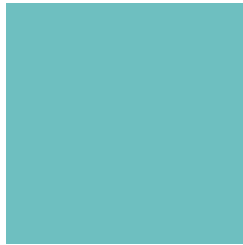
66.2650, 45.7184, 83.0826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 166.8950, 12.3768, -49.8969 looks on a white background.

Color Contrast Check

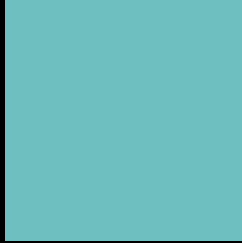
Large Text (above 18pt) WCAG AA × Fail

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 166.8950, 12.3768, -49.8969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

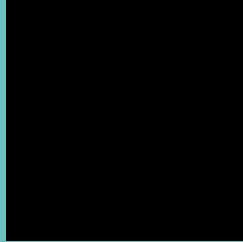
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.8950, 12.3768, -49.8969

Background



This preview shows how black text looks on a background with the YUV color 166.8950, 12.3768, -49.8969.



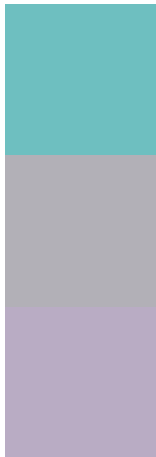
This preview shows how white text looks on a background with the YUV color 166.8950, 12.3768, -49.8969.

-49.8969.

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

166.8950, 12.3768, -49.8969

Protanopia

177.3960, 2.7628, 0.5297

Deuteranopia

178.6230, 8.5669, 5.5926



Tritanopia

168.2850, 17.6075, -47.6079

Trichromacy



Original Color

166.8950, 12.3768, -49.8969

Protanomaly

173.1980, 6.3114, -17.7136

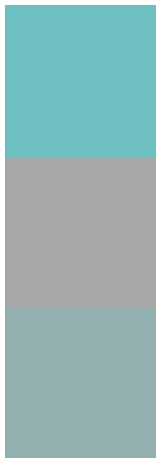
Deuteranomaly

174.5450, 10.0843, -14.5100

Tritanomaly

168.1170, 15.7183, -48.3376

Monochromacy



Original Color

166.8950, 12.3768, -49.8969

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.0300, 4.4222, -18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.8950, 12.3768, -49.8969 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, 191, 192)` looks like.

```
.text, #text, p{  
    color:rgb(110, 191, 192)  
}
```

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, 191, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 191, 192) }
```

Border

The CSS property to change the border of an element to YUV 166.8950, 12.3768, -49.8969 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, 191, 192) }
```


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

```
.border{ border-color:rgb(110, 191, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 191, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 191, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 191, 192);  
box-shadow:4px 4px 4px 4px rgb(110, 191,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 166.8950, 12.3768, -49.8969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 191, 192) }
```

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

```
.background{ background-color: rgb(110,  
191, 192) }
```

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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