

Converting Colors

YUV(210.1770, 14.7027,
-49.2672)

Have a look what the booklet for
YUV(210.1770, 14.7027, -49.2672)
contains.

YUV(210.1770, 14.7027, -49.2672)	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(210.1770, 14.7027,
-49.2672)**

Conversions

Conversions Part 1

Format	Color
Hex	9AE9F0
RGB	154, 233, 240
RGB Percent	60%, 91%, 94%
CMY	0.3961, 0.0863, 0.0588
CMYK	0.36, 0.03, 0.00, 0.06
HSL	185°, 74%, 77%
HSV	185°, 36%, 94%
XYZ	58.1935, 71.4391, 93.1601
YIQ	210.1770, -49.3310, -14.5710

Conversions

Conversions Part 2

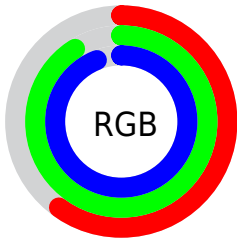
Format	Color
RYB	154, 195, 240
Decimal	10152432
CIELab	87.70, -22.40, -11.08
CIElCh	88, 24.994, 206.313
Yxy	71.4391, 0.2612, 0.3207
Android (android.graphics.Color)	4288342512 (0xFF9AE9F0)
YUV	210.1770, 14.7027, -49.2672
Hunter-Lab	84.5217, -25.0149, -6.1845

Details

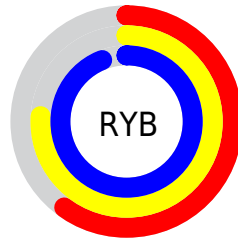
The YUV color **210.1770, 14.7027, -49.2672** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **183.8230, -14.7027, 49.2672**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.8440, 6.4859, -27.0502**, and **154.1770, 14.7027, -49.2672** is the 20% darker color. If you saturate the color by 10%, you get **201.8270, 18.8193, -62.9923**, and if you desaturate by 10%, it is **218.5270, 10.5862, -35.5422**.

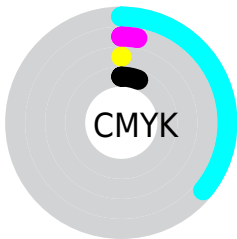
Distribution



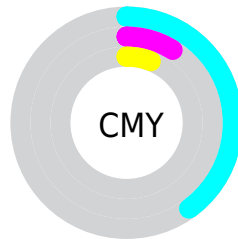
- Red (60%)
- Green (91%)
- Blue (94%)



- Red (60%)
- Yellow (76%)
- Blue (94%)



- Cyan (36%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (40%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.1770, 14.7027, -49.2672 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 210.1770, 14.7027, -49.2672 by changing the saturation by 10% instead.

210.1770, 14.7027,
-49.2672

210.1770, 14.7027,
-49.2672

255.0000, 0.0000,
0.0000

182.1770, 14.7027,
-49.2672

241.8440, 6.4859,
-27.0502

154.1770, 14.7027,
-49.2672

250.8140, 2.0637,
-8.6069

126.8780, 14.8501,
-49.8820

99.3830, 15.5872,
-52.9559

70.1970, 17.6509,
-61.5628

53.3730, 14.1131,
-46.8081

37.2500, 10.7227,

-32.6683

■ 23.0020, 6.9010,
-20.1728

■ 2.4110, 6.6994,
-2.1144

■ 210.1770, 14.7027,
-49.2672

■ 210.1770, 14.7027,
-49.2672

■ 201.8270, 18.8193,
-62.9923

■ 218.5270, 10.5862,
-35.5422

■ 193.4770, 22.9358,
-76.7173

■ 226.8770, 6.4696,
-21.8171

■ 185.1270, 27.0524,
-90.4424

■ 235.2270, 2.3531,
-8.0921

■ 176.7770, 31.1689,
-104.1674

■ 243.5770, -1.7635,
5.6330

■ 168.4270, 35.2855,
-117.8925

■ 246.2460, -3.0793,
7.6773

■ 160.0770, 39.4020,
-131.6175

■ 247.4200, -3.6581,
6.6477

■ 156.5000, 41.1655,
-137.2505

■ 248.5940, -4.2368,
5.6181

■ 249.7680, -4.8156,
4.5885

■ 250.9420, -5.3944,
3.5589

Harmonies

Analogous

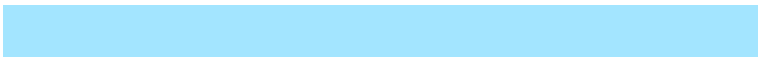
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



210.7300, 2.5981, -40.1052



210.1770, 14.7027, -49.2672



212.2300, 21.0856, -43.1747

Triad

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



210.1770, 14.7027, -49.2672



223.8190, 11.4282, 21.2067



219.1600, -22.7569, 19.1537

Complementary

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



210.1770, 14.7027, -49.2672



183.8230, -14.7027, 49.2672

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.



220.1490, -19.3005, 30.5643



210.1770, 14.7027, -49.2672



220.9420, 1.5076, 29.8689

Square

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



210.1770, 14.7027, -49.2672



221.0550, 16.7349, -0.9252



218.7930, -9.2649, 31.7535



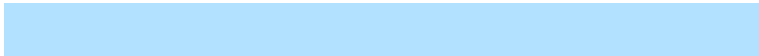
216.5380, -19.4922, -1.3488

Rectangle

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



210.1770, 14.7027, -49.2672



214.3670, 20.0321, -31.8939



218.7930, -9.2649, 31.7535



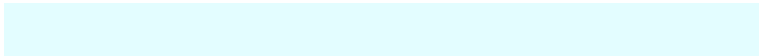
220.1930, -22.7731, 24.3867

Sweetspot

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



210.1770, 14.7027, -49.2672



245.4540, 4.7062, -16.1842



205.1660, -22.2668, -44.8726



121.7430, 3.0847, -9.4216



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.



210.1770, 14.7027, -49.2672



216.8270, 18.8193, -62.9923



185.5230, 26.8572, -27.6457



115.8250, 2.0583, -6.8625



120.1790, 31.4638, -105.3970



36.9080, 9.4124, -32.3683

Inverse Universe

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



188.7200, 21.8300, 44.9726



189.4040, 27.9018, 57.5277



208.4770, -26.8572, 27.6457



112.8420, 3.0359, 6.2776



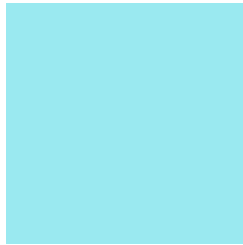
74.2820, 46.6960, 96.2227



22.6720, 14.4587, 29.2287

Previews

White Background



This preview shows how the YUV color 210.1770, 14.7027, -49.2672 looks on a white background.

Color Contrast Check

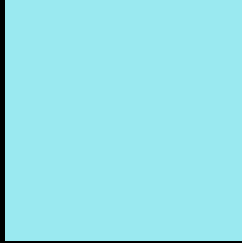
Large Text (above 18pt) WCAG AA × Fail

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 210.1770, 14.7027, -49.2672 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 210.1770, 14.7027, -49.2672

Background



This preview shows how black text looks on a background with the YUV color 210.1770, 14.7027, -49.2672.

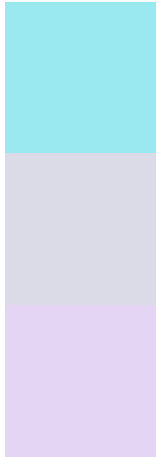


This preview shows how white text looks on a background with the YUV color 210.1770, 14.7027, -49.2672.

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

210.1770, 14.7027, -49.2672

Protanopia

219.7810, 5.5310, -0.6849

Deuteranopia

221.0190, 11.3296, 6.1223



Tritanopia

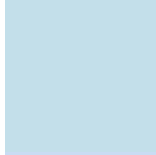
211.0400, 19.2073, -47.3931

Trichromacy



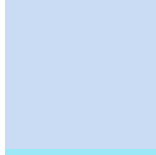
Original Color

210.1770, 14.7027, -49.2672



Protanomaly

215.8820, 8.9322, -18.3135



Deuteranomaly

216.9410, 12.8471, -13.9803



Tritanomaly

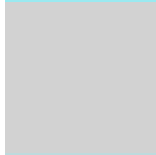
210.8720, 17.3181, -48.1227

Monochromacy



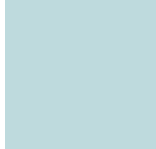
Original Color

210.1770, 14.7027, -49.2672



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

209.9700, 5.4378, -17.5137

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.1770, 14.7027, -49.2672 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(154, 233, 240)` looks like.

```
.text, #text, p{  
    color:rgb(154, 233, 240)  
}
```

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(154, 233, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 233, 240) }
```

Border

The CSS property to change the border of an element to YUV 210.1770, 14.7027, -49.2672 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

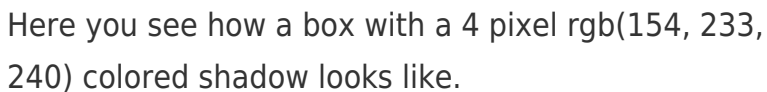
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(154, 233, 240) }
```


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

```
.border{ border-color:rgb(154, 233, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(154, 233, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 233, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 233, 240);  
box-shadow:4px 4px 4px 4px rgb(154, 233,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 210.1770, 14.7027, -49.2672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 233, 240) }
```

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

```
.background{ background-color: rgb(154,  
233, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor