

Converting Colors

YUV(197.8710, 22.2486,
-42.8599)

Have a look what the booklet for
YUV(197.8710, 22.2486, -42.8599)
contains.

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Color

**YUV(197.8710, 22.2486,
-42.8599)**

Conversions

Conversions Part 1

Format	Color
Hex	95D6F3
RGB	149, 214, 243
RGB Percent	58%, 84%, 95%
CMY	0.4157, 0.1608, 0.0471
CMYK	0.39, 0.12, 0.00, 0.05
HSL	199°, 80%, 77%
HSV	199°, 39%, 95%
XYZ	52.6187, 60.9538, 93.7860
YIQ	197.8710, -48.0490, -4.7610

Conversions

Conversions Part 2

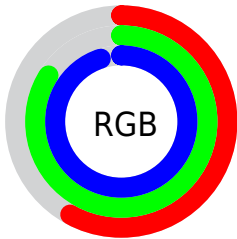
Format	Color
R _Y B	149, 187, 243
Decimal	9819891
CIE Lab	82.35, -13.38, -20.72
CIE LCh	82, 24.665, 237.134
Yxy	60.9538, 0.2538, 0.2940
Android (android.graphics.Color)	4288009971 (0xFF95D6F3)
YUV	197.8710, 22.2486, -42.8599
Hunter-Lab	78.0729, -16.3242, -16.5718

Details

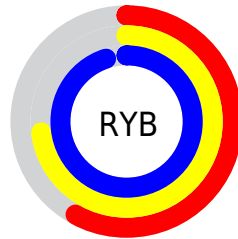
The YUV color **197.8710, 22.2486, -42.8599** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **194.1290, -22.2486, 42.8599**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3490, 7.2229, -30.1241**, and **142.4580, 21.9592, -43.3747** is the 20% darker color. If you saturate the color by 10%, you get **186.5860, 27.8121, -54.0109**, and if you desaturate by 10%, it is **209.1560, 16.6851, -31.7088**.

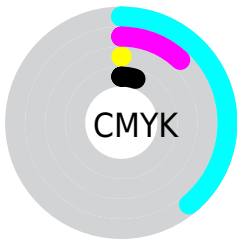
Distribution



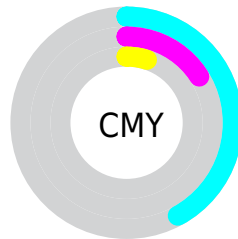
- Red (58%)
- Green (84%)
- Blue (95%)



- Red (58%)
- Yellow (73%)
- Blue (95%)



- Cyan (39%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (42%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.8710, 22.2486, -42.8599 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 197.8710, 22.2486, -42.8599 by changing the saturation by 10% instead.

■ 197.8710, 22.2486,
-42.8599

■ 197.8710, 22.2486,
-42.8599

255.0000, 0.0000,
0.0000

■ 169.8710, 22.2486,
-42.8599

■ 240.3490, 7.2229,
-30.1241

■ 142.4580, 21.9592,
-43.3747

■ 249.0200, 2.9481,
-12.2955

■ 115.7460, 21.8172,
-44.5042

■ 88.8380, 22.2649,
-48.0929

■ 61.6200, 22.8653,
-54.0407

■ 44.7960, 19.3276,
-39.2861

■ 29.2600, 15.6478,

-25.6610

■ 14.4250, 12.1155,
-12.6507

■ 2.5250, 7.1362,
-2.2144

■ 197.8710, 22.2486,
-42.8599

■ 197.8710, 22.2486,
-42.8599

■ 186.5860, 27.8121,
-54.0109

■ 209.1560, 16.6851,
-31.7088

■ 174.4150, 33.8124,
-65.2620

■ 221.3270, 10.6848,
-20.4578

■ 163.1300, 39.3759,
-76.4130

■ 232.6120, 5.1213,
-9.3067

■ 151.2580, 45.2288,
-87.0493

■ 244.4840, -0.7316,
1.3295

■ 139.9730, 50.7923,
-98.2003

■ 251.2840, -4.0840,
3.2589

■ 127.8020, 56.7926,
-109.4514

■ 253.6320, -5.2416,
1.1997

■ 126.3180, 57.5242,
-110.7809

Harmonies

Analogous

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



195.4760, 14.5553, -48.6525



197.8710, 22.2486, -42.8599



203.0350, 23.6467, -24.5867

Triad

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



197.8710, 22.2486, -42.8599



209.1060, -0.5453, 34.9870



201.6520, -19.0554, -1.4488

Complementary

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



197.8710, 22.2486, -42.8599



194.1290, -22.2486, 42.8599

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.



204.5620, -22.4621, 17.9241



197.8710, 22.2486, -42.8599



208.2670, -11.4706, 39.2308

Square

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



197.8710, 22.2486, -42.8599



209.1780, 10.2652, 20.8919



206.1600, -19.3059, 32.3087



198.3380, -9.5336, -22.2214

Rectangle

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



197.8710, 22.2486, -42.8599



205.5640, 21.4139, -8.3876



206.1600, -19.3059, 32.3087



202.9410, -20.6769, 5.3137

Sweetspot

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



197.8710, 22.2486, -42.8599



240.4480, 7.1741, -14.4249



207.3700, -14.9724, -51.1905



119.0960, 4.3897, -7.9772



0.0000, 0.0000, 0.0000



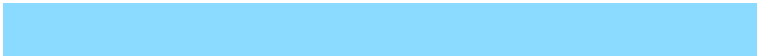
128.0000, 0.0000, 0.0000

Same Dimension

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



197.8710, 22.2486, -42.8599



198.8850, 27.6647, -53.3961



170.8690, 35.5606, -19.1791



116.6510, 2.6371, -5.8329



96.9270, 43.9130, -85.0050



30.7930, 13.9061, -27.0055

Inverse Universe

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



184.5160, 14.5356, 51.2905



182.2170, 18.1340, 63.8307



221.1310, -35.5606, 19.1791



114.6140, 2.1623, 6.4775



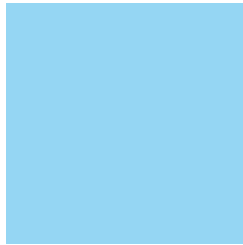
70.3200, 28.9292, 101.4514



22.3150, 9.2117, 32.1727

Previews

White Background



This preview shows how the YUV color 197.8710, 22.2486, -42.8599 looks on a white background.

Color Contrast Check

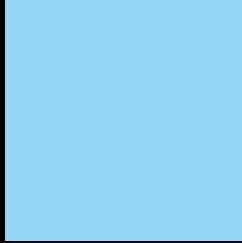
Large Text (above 18pt) WCAG AA × Fail

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 197.8710, 22.2486, -42.8599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

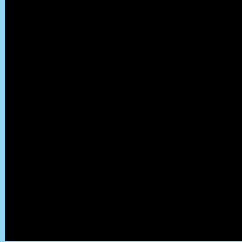
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 197.8710, 22.2486, -42.8599

Background



This preview shows how black text looks on a background with the YUV color 197.8710, 22.2486, -42.8599.



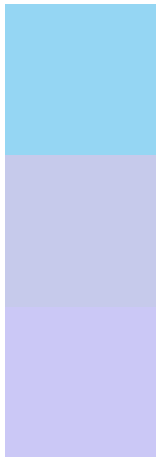
This preview shows how white text looks on a background with the YUV color 197.8710, 22.2486, -42.8599.

-42.8599.

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

197.8710, 22.2486, -42.8599

Protanopia

204.5660, 15.0040, -5.7584

Deuteranopia

206.1410, 19.6505, -2.7547



Tritanopia

197.0080, 17.7441, -44.7340

Trichromacy



Original Color

197.8710, 22.2486, -42.8599

Protanomaly

201.8740, 17.8101, -19.1835

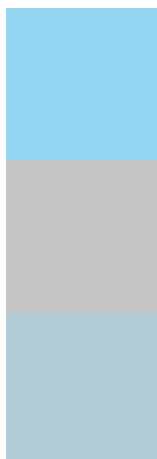
Deuteranomaly

202.9820, 20.7149, -17.5242

Tritanomaly

197.1760, 19.6332, -44.0044

Monochromacy



Original Color

197.8710, 22.2486, -42.8599

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

197.9640, 7.9057, -15.7544

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.8710, 22.2486, -42.8599 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(149, 214, 243)` looks like.

```
.text, #text, p{  
    color:rgb(149, 214, 243)  
}
```

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(149, 214, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 214, 243) }
```

Border

The CSS property to change the border of an element to YUV 197.8710, 22.2486, -42.8599 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(149, 214, 243) }
```


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

```
.border{ border-color:rgb(149, 214, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 214, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 214, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 214, 243);  
box-shadow:4px 4px 4px 4px rgb(149, 214,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 197.8710, 22.2486, -42.8599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 214, 243) }
```

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

```
.background{ background-color: rgb(149,  
214, 243) }
```

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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