

Converting Colors

YUV(202.8880, 19.7752,
-42.8748)

Have a look what the booklet for
YUV(202.8880, 19.7752, -42.8748)
contains.

YUV(202.8880, 19.7752, -42.8748)	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(202.8880, 19.7752,
-42.8748)**

Conversions

Conversions Part 1

Format	Color
Hex	9ADCF3
RGB	154, 220, 243
RGB Percent	60%, 86%, 95%
CMY	0.3961, 0.1373, 0.0471
CMYK	0.37, 0.09, 0.00, 0.05
HSL	196°, 79%, 78%
HSV	196°, 37%, 95%
XYZ	55.0973, 64.5275, 94.3451
YIQ	202.8880, -46.7190, -6.8390

Conversions

Conversions Part 2

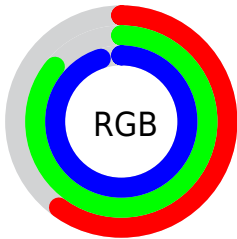
Format	Color
RYB	154, 192, 243
Decimal	10149107
CIELab	84.24, -15.17, -17.84
CIELCh	84, 23.417, 229.638
Yxy	64.5275, 0.2575, 0.3016
Android (android.graphics.Color)	4288339187 (0xFF9ADCF3)
YUV	202.8880, 19.7752, -42.8748
Hunter-Lab	80.3290, -18.1434, -13.4049

Details

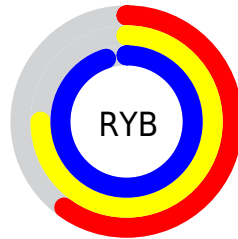
The YUV color **202.8880, 19.7752, -42.8748** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **194.1120, -19.7752, 42.8748**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.8440, 6.4859, -27.0502**, and **147.7740, 19.3384, -42.7748** is the 20% darker color. If you saturate the color by 10%, you get **192.1900, 25.0493, -54.5406**, and if you desaturate by 10%, it is **213.5860, 14.5011, -31.2089**.

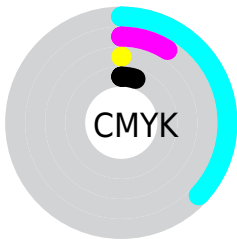
Distribution



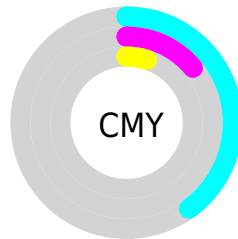
- Red (60%)
- Green (86%)
- Blue (95%)



- Red (60%)
- Yellow (75%)
- Blue (95%)



- Cyan (37%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (40%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.8880, 19.7752, -42.8748 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 202.8880, 19.7752, -42.8748 by changing the saturation by 10% instead.

■ 202.8880, 19.7752,
-42.8748

■ 202.8880, 19.7752,
-42.8748

255.0000, 0.0000,
0.0000

■ 174.8880, 19.7752,
-42.8748

■ 241.8440, 6.4859,
-27.0502

■ 147.7740, 19.3384,
-42.7748

■ 250.5150, 2.2111,
-9.2217

■ 121.0620, 19.1964,
-43.9044

■ 93.8660, 19.7861,
-46.3635

■ 63.9680, 21.7078,
-56.0999

■ 47.7310, 17.8806,
-41.8601

■ 32.1950, 14.2009,

-28.2350

■ 18.5340, 10.0897,
-16.2543

■ 2.6390, 7.5730,
-2.3144

■ 202.8880, 19.7752,
-42.8748

■ 202.8880, 19.7752,
-42.8748

■ 192.1900, 25.0493,
-54.5406

■ 213.5860, 14.5011,
-31.2089

■ 180.6060, 30.7602,
-66.3065

■ 225.1700, 8.7902,
-19.4431

■ 169.9080, 36.0344,
-77.9723

■ 235.8680, 3.5161,
-7.7772

■ 159.2100, 41.3085,
-89.6382

■ 246.5660, -1.7580,
3.8886

■ 148.5120, 46.5826,
-101.3040

■ 251.2840, -4.0840,
3.2589

■ 136.9280, 52.2935,
-113.0699

■ 253.6320, -5.2416,
1.1997

■ 133.3620, 54.0515,
-116.9585

Harmonies

Analogous

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



201.2870, 11.1975, -44.9787



202.8880, 19.7752, -42.8748



206.7850, 22.7840, -27.8754

Triad

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



202.8880, 19.7752, -42.8748



214.1810, 2.3758, 31.4133



207.5710, -19.5085, 3.8842

Complementary

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



202.8880, 19.7752, -42.8748



194.1120, -19.7752, 42.8748

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.



209.9260, -21.1625, 21.1129



202.8880, 19.7752, -42.8748



213.0540, -8.4076, 36.7866

Square

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



202.8880, 19.7752, -42.8748



213.7150, 12.4655, 15.1589



211.7410, -17.1273, 33.5531



204.8010, -11.7339, -16.4885

Rectangle

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



202.8880, 19.7752, -42.8748



210.1180, 21.1408, -14.1355



211.7410, -17.1273, 33.5531



208.6750, -20.5458, 9.9320

Sweetspot

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



202.8880, 19.7752, -42.8748



242.5190, 6.1531, -13.6102



208.7510, -16.1462, -48.0166



119.9820, 3.9529, -7.8772



0.0000, 0.0000, 0.0000



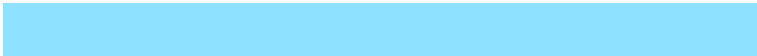
128.0000, 0.0000, 0.0000

Same Dimension

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



202.8880, 19.7752, -42.8748



204.4890, 24.9019, -53.9259



177.0600, 32.5084, -20.2236



116.6510, 2.6371, -5.8329



102.2100, 41.3085, -89.6382



31.9670, 13.3273, -28.0351

Inverse Universe

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



188.1350, 15.7094, 48.1166



185.9500, 19.7447, 60.5569



219.9400, -32.5084, 20.2236



114.6140, 2.1623, 6.4775



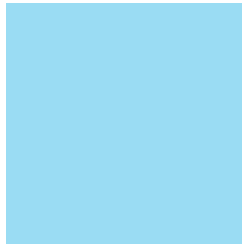
71.3460, 32.8604, 100.5516



22.5430, 10.0853, 31.9728

Previews

White Background



This preview shows how the YUV color 202.8880, 19.7752, -42.8748 looks on a white background.

Color Contrast Check

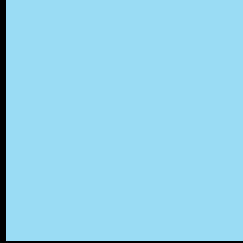
Large Text (above 18pt) WCAG AA × Fail

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 202.8880, 19.7752, -42.8748 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 202.8880, 19.7752, -42.8748

Background



This preview shows how black text looks on a background with the YUV color 202.8880, 19.7752, -42.8748.



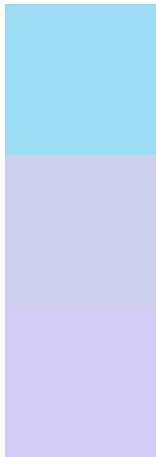
This preview shows how white text looks on a background with the YUV color 202.8880, 19.7752, -42.8748.

-42.8748.

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

202.8880, 19.7752, -42.8748

Protanopia

210.1810, 12.2358, -4.5437

Deuteranopia

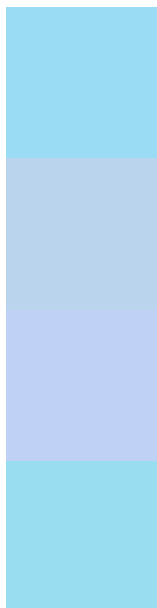
211.1800, 17.1663, 0.7191



Tritanopia

202.6060, 17.4492, -43.5045

Trichromacy



Original Color

202.8880, 19.7752, -42.8748

Protanomaly

207.1900, 15.1893, -18.5836

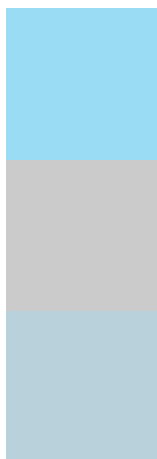
Deuteranomaly

208.3090, 18.0887, -15.1800

Tritanomaly

202.8340, 18.3228, -43.7044

Monochromacy



Original Color

202.8880, 19.7752, -42.8748

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.8500, 7.4690, -15.6544

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.8880, 19.7752, -42.8748 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, 220, 243)` looks like.

```
.text, #text, p{  
    color:rgb(154, 220, 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(154, 220, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 220, 243) }
```

Border

The CSS property to change the border of an element to YUV 202.8880, 19.7752, -42.8748 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, 220, 243) }
```


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

```
.border{ border-color:rgb(154, 220, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 220, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 220, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 220, 243);  
box-shadow:4px 4px 4px 4px rgb(154, 220,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 202.8880, 19.7752, -42.8748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 220, 243) }
```

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

```
.background{ background-color: rgb(154,  
220, 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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