

Converting Colors

YUV(189.1170, 22.6203,
-22.0276)

Have a look what the booklet for
YUV(189.1170, 22.6203, -22.0276)
contains.

YUV(189.1170, 22.6203, -22.0276)	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(189.1170, 22.6203,
-22.0276)**

Conversions

Conversions Part 1

Format	Color
Hex	A4C1EB
RGB	164, 193, 235
RGB Percent	64%, 76%, 92%
CMY	0.3569, 0.2431, 0.0784
CMYK	0.30, 0.18, 0.00, 0.08
HSL	215°, 64%, 78%
HSV	215°, 30%, 92%
XYZ	49.3752, 52.0306, 86.0378
YIQ	189.1170, -30.7660, 6.9140

Conversions

Conversions Part 2

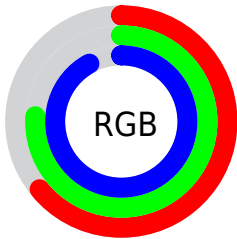
Format	Color
RYB	164, 185, 235
Decimal	10797547
CIELab	77.30, -0.21, -24.04
CIELCh	77, 24.042, 269.494
Yxy	52.0306, 0.2634, 0.2776
Android (android.graphics.Color)	4288987627 (0xFFA4C1EB)
YUV	189.1170, 22.6203, -22.0276
Hunter-Lab	72.1322, -4.0465, -20.2273

Details

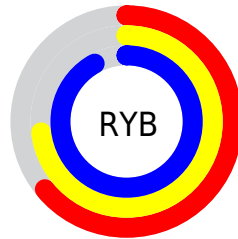
The YUV color **189.1170, 22.6203, -22.0276** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **209.8830, -22.6203, 22.0276**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.0130, 6.8956, -18.4284**, and **135.4760, 21.4573, -22.3425** is the 20% darker color. If you saturate the color by 10%, you get **174.0220, 30.0622, -28.9603**, and if you desaturate by 10%, it is **204.5110, 15.0311, -14.4801**.

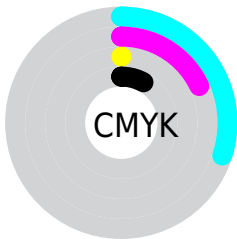
Distribution



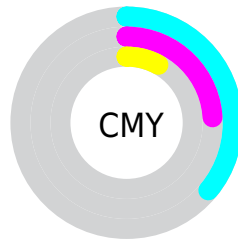
- Red (64%)
- Green (76%)
- Blue (92%)



- Red (64%)
- Yellow (73%)
- Blue (92%)



- Cyan (30%)
- Magenta (18%)
- Yellow (0%)
- Black (8%)



- Cyan (36%)
- Magenta (24%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.1170, 22.6203, -22.0276 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 189.1170, 22.6203, -22.0276 by changing the saturation by 10% instead.

■ 189.1170, 22.6203,
-22.0276

■ 189.1170, 22.6203,
-22.0276

255.0000, 0.0000,
0.0000

■ 162.0030, 22.1835,
-21.9276

■ 241.0130, 6.8956,
-18.4284

■ 135.4760, 21.4573,
-22.3425

■ 253.2060, 0.8844,
-3.6887

■ 109.3620, 21.0205,
-22.2425

■ 84.8350, 20.2943,
-22.6573

■ 59.8240, 20.2998,
-24.4016

■ 35.1930, 20.6109,
-30.8643

■ 20.2440, 16.6417,

-17.7540

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,
-0.4999

■ 189.1170, 22.6203,
-22.0276

■ 189.1170, 22.6203,
-22.0276

■ 174.0220, 30.0622,
-28.9603

■ 204.5110, 15.0311,
-14.4801

■ 158.6280, 37.6514,
-36.5078

■ 219.6060, 7.5892,
-7.5475

■ 143.5330, 45.0932,
-43.4404

■ 235.0000, 0.0000,
0.0000

■ 128.1390, 52.6825,
-50.9879

■ 249.1980, -6.9996,
5.0884

■ 113.0440, 60.1243,
-57.9206

■ 252.7200, -8.7360,
1.9996

■ 98.2370, 67.4242,
-65.9828

■ 83.1420, 74.8660,
-72.9155

Harmonies

Analogous

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



184.1810, 22.0958, -40.5007



189.1170, 22.6203, -22.0276



192.8210, 18.3292, 1.0340

Triad

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



189.1170, 22.6203, -22.0276



193.2560, -11.4652, 37.4865



184.6800, -8.2232, -22.5214

Complementary

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



189.1170, 22.6203, -22.0276



209.8830, -22.6203, 22.0276

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.



187.3960, -17.4502, -2.9783



189.1170, 22.6203, -22.0276



192.1490, -19.3005, 30.5643

Square

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



189.1170, 22.6203, -22.0276



194.5790, -1.2714, 34.5722



189.8930, -21.1462, 15.8798



182.3710, 3.7611, -39.7904

Rectangle

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



189.1170, 22.6203, -22.0276



194.7150, 12.4655, 15.1589



189.8930, -21.1462, 15.8798



185.6870, -12.1707, -16.3885

Sweetspot

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



189.1170, 22.6203, -22.0276



239.9050, 7.4418, -6.9327



210.3510, -2.6380, -40.6498



118.2320, 4.8156, -4.5885



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.



189.1170, 22.6203, -22.0276



195.7940, 29.1886, -28.7603



173.8880, 30.1282, -3.4098



109.6020, 3.6472, -3.1590



64.0720, 57.6455, -56.1911



19.0700, 17.2205, -16.7244

Inverse Universe

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



188.5350, 2.2012, 40.7498



194.8400, 3.0369, 52.7603



225.1120, -30.1282, 3.4098



109.7450, 0.1257, 6.3626



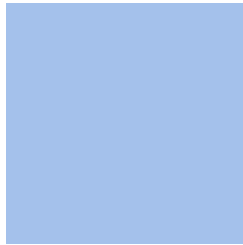
62.5550, 5.6424, 103.8763



18.6540, 1.6496, 30.9984

Previews

White Background



This preview shows how the YUV color 189.1170, 22.6203, -22.0276 looks on a white background.

Color Contrast Check

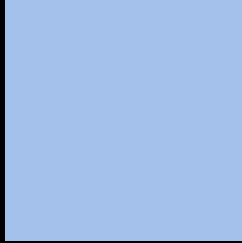
Large Text (above 18pt) WCAG AA × Fail

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 189.1170, 22.6203, -22.0276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

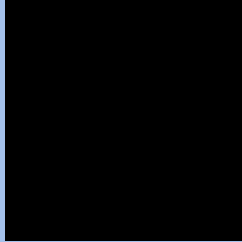
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

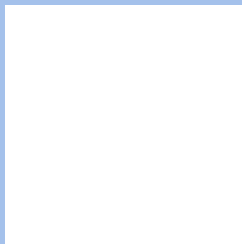
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 189.1170, 22.6203, -22.0276

Background



This preview shows how black text looks on a background with the YUV color 189.1170, 22.6203, -22.0276.



This preview shows how white text looks on a background with the YUV color 189.1170, 22.6203, -22.0276.

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

189.1170, 22.6203, -22.0276

Protanopia

191.5100, 19.9616, -9.2173

Deuteranopia

192.2870, 21.5505, -5.5137



Tritanopia

187.4620, 12.5902, -24.9612

Trichromacy



Original Color

189.1170, 22.6203, -22.0276

Protanomaly

190.4170, 20.9934, -13.5207

Deuteranomaly

191.0690, 22.1510, -11.4615

Tritanomaly

188.3850, 16.0792, -24.0166

Monochromacy



Original Color

189.1170, 22.6203, -22.0276

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.8340, 8.4628, -7.7474

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.1170, 22.6203, -22.0276 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(164, 193, 235)` looks like.

```
.text, #text, p{  
    color:rgb(164, 193, 235)  
}
```

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(164, 193, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 193, 235) }
```

Border

The CSS property to change the border of an element to YUV 189.1170, 22.6203, -22.0276 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(164, 193, 235) }
```


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

```
.border{ border-color:rgb(164, 193, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 193, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 193, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 193, 235);  
box-shadow:4px 4px 4px 4px rgb(164, 193,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 189.1170, 22.6203, -22.0276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 193, 235) }
```

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

```
.background{ background-color: rgb(164,  
193, 235) }
```

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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