

Converting Colors

YUV(189.9590, 22.2052,
-28.9050)

Have a look what the booklet for
YUV(189.9590, 22.2052, -28.9050)
contains.

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Color

**YUV(189.9590, 22.2052,
-28.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	9DC6EB
RGB	157, 198, 235
RGB Percent	62%, 78%, 92%
CMY	0.3843, 0.2235, 0.0784
CMYK	0.33, 0.16, 0.00, 0.08
HSL	208°, 66%, 77%
HSV	208°, 33%, 92%
XYZ	49.0941, 53.5544, 86.3468
YIQ	189.9590, -36.3130, 2.8150

Conversions

Conversions Part 2

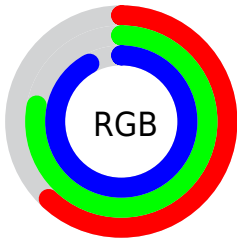
Format	Color
RYB	157, 184, 235
Decimal	10340075
CIELab	78.20, -4.86, -22.71
CIELCh	78, 23.222, 257.907
Yxy	53.5544, 0.2598, 0.2834
Android (android.graphics.Color)	4288530155 (0xFF9DC6EB)
YUV	189.9590, 22.2052, -28.9050
Hunter-Lab	73.1809, -8.3181, -18.7302

Details

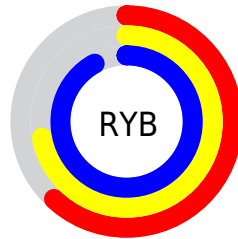
The YUV color **189.9590, 22.2052, -28.9050** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **202.0410, -22.2052, 28.9050**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.4420, 6.1911, -25.8206**, and **135.7310, 21.3316, -28.7051** is the 20% darker color. If you saturate the color by 10%, you get **176.6250, 28.7789, -37.3821**, and if you desaturate by 10%, it is **203.5920, 15.4841, -19.8132**.

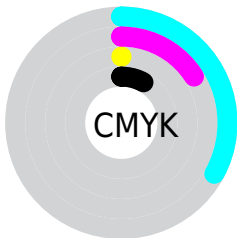
Distribution



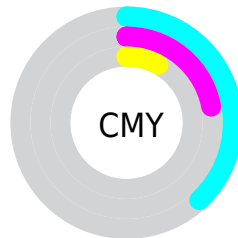
- Red (62%)
- Green (78%)
- Blue (92%)



- Red (62%)
- Yellow (72%)
- Blue (92%)



- Cyan (33%)
- Magenta (16%)
- Yellow (0%)
- Black (8%)



- Cyan (38%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.9590, 22.2052, -28.9050 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 189.9590, 22.2052, -28.9050 by changing the saturation by 10% instead.

■ 189.9590, 22.2052,
-28.9050

■ 189.9590, 22.2052,
-28.9050

255.0000, 0.0000,
0.0000

■ 162.8450, 21.7684,
-28.8051

■ 242.4420, 6.1911,
-25.8206

■ 135.7310, 21.3316,
-28.7051

■ 251.1130, 1.9163,
-7.9921

■ 110.2040, 20.6054,
-29.1199

■ 84.4920, 20.4634,
-30.2495

■ 58.5840, 20.9111,
-33.8382

■ 36.9540, 19.7427,
-32.4087

■ 22.5920, 15.4841,

-19.8132

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 189.9590, 22.2052,
-28.9050

■ 189.9590, 22.2052,
-28.9050

■ 176.6250, 28.7789,
-37.3821

■ 203.5920, 15.4841,
-19.8132

■ 162.9920, 35.4999,
-46.4740

■ 216.9260, 8.9105,
-11.3361

■ 149.6580, 42.0736,
-54.9511

■ 230.5590, 2.1894,
-2.2442

■ 135.4380, 49.0841,
-63.5281

■ 244.4800, -4.6736,
5.7180

■ 122.1040, 55.6577,
-72.0052

■ 252.1330, -8.4466,
2.5144

■ 108.4710, 62.3788,
-81.0971

■ 252.7200, -8.7360,
1.9996

■ 99.5780, 66.7630,
-87.3299

Harmonies

Analogous

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



185.7740, 19.3384, -42.7748



189.9590, 22.2052, -28.9050



194.4070, 19.5193, -7.3729

Triad

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



189.9590, 22.2052, -28.9050



196.2820, -7.5340, 36.5867



188.6980, -12.1761, -14.6441

Complementary

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



189.9590, 22.2052, -28.9050



202.0410, -22.2052, 28.9050

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.



190.9840, -19.2191, 4.3990



189.9590, 22.2052, -28.9050



194.9690, -16.2537, 33.3532

Square

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



189.9590, 22.2052, -28.9050



197.2840, 2.8180, 29.5689



193.4530, -20.4363, 21.5277



185.8620, -0.9180, -32.3280

Rectangle

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



189.9590, 22.2052, -28.9050



196.0560, 15.2554, 6.9669



193.4530, -20.4363, 21.5277



189.3460, -14.9606, -8.1964

Sweetspot

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



189.9590, 22.2052, -28.9050



240.4810, 7.1579, -9.1918



206.8900, -6.8478, -43.7535



118.5200, 4.6736, -5.7180



0.0000, 0.0000, 0.0000



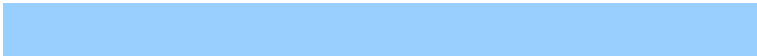
128.0000, 0.0000, 0.0000

Same Dimension

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



189.9590, 22.2052, -28.9050



196.3260, 28.9263, -37.9969



167.6530, 33.2021, -9.3427



110.7760, 3.0684, -4.1886



76.3990, 51.5683, -67.0019



22.5920, 15.4841, -19.8132

Inverse Universe

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



184.9960, 6.4110, 43.8535



189.6540, 8.5516, 57.3084



224.3470, -33.2021, 9.3427



109.9730, 0.9993, 6.1627



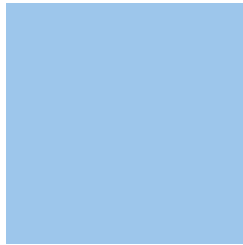
64.9490, 14.8151, 101.7767



19.3380, 4.2704, 30.3986

Previews

White Background



This preview shows how the YUV color 189.9590, 22.2052, -28.9050 looks on a white background.

Color Contrast Check

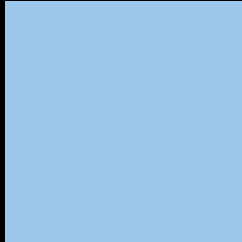
Large Text (above 18pt) WCAG AA × Fail

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 189.9590, 22.2052, -28.9050 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

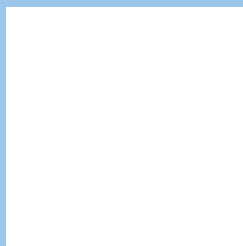
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 189.9590, 22.2052, -28.9050

Background



This preview shows how black text looks on a background with the YUV color 189.9590, 22.2052, -28.9050.



This preview shows how white text looks on a background with the YUV color 189.9590, 22.2052, -28.9050.

-28.9050.

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

189.9590, 22.2052, -28.9050

Protanopia

193.6520, 17.9196, -7.5878

Deuteranopia

194.4720, 20.9663, -4.7989



Tritanopia

188.4720, 14.0643, -31.1089

Trichromacy



Original Color

189.9590, 22.2052, -28.9050

Protanomaly

192.6510, 19.3991, -15.4799

Deuteranomaly

192.5310, 21.4302, -13.6207

Tritanomaly

188.9820, 17.2639, -30.6792

Monochromacy



Original Color

189.9590, 22.2052, -28.9050

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.9970, 7.8895, -10.5214

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.9590, 22.2052, -28.9050 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(157, 198, 235)` looks like.

```
.text, #text, p{  
    color:rgb(157, 198, 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(157, 198, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 198, 235) }
```

Border

The CSS property to change the border of an element to YUV 189.9590, 22.2052, -28.9050 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(157, 198, 235) }
```


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

```
.border{ border-color:rgb(157, 198, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 198, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 198, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 198, 235);  
box-shadow:4px 4px 4px 4px rgb(157, 198,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 189.9590, 22.2052, -28.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 198, 235) }
```

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

```
.background{ background-color: rgb(157,  
198, 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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