

Converting Colors

YUV(188.5510, 20.9274,
-39.0712)

Have a look what the booklet for
YUV(188.5510, 20.9274, -39.0712)
contains.

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Color

**YUV(188.5510, 20.9274,
-39.0712)**

Conversions

Conversions Part 1

Format	Color
Hex	90CBE7
RGB	144, 203, 231
RGB Percent	56%, 80%, 91%
CMY	0.4353, 0.2039, 0.0941
CMYK	0.38, 0.12, 0.00, 0.09
HSL	199°, 64%, 74%
HSV	199°, 38%, 91%
XYZ	47.2813, 54.4107, 83.6116
YIQ	188.5510, -44.1520, -3.8000

Conversions

Conversions Part 2

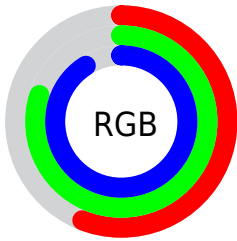
Format	Color
RYB	144, 179, 231
Decimal	9489383
CIELab	78.70, -12.02, -19.87
CIELCh	79, 23.221, 238.834
Yxy	54.4107, 0.2552, 0.2936
Android (android.graphics.Color)	4287679463 (0xFF90CBE7)
YUV	188.5510, 20.9274, -39.0712
Hunter-Lab	73.7636, -14.6705, -15.5712

Details

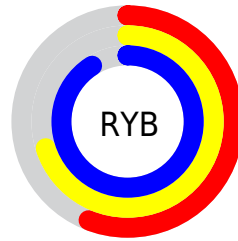
The YUV color **188.5510, 20.9274, -39.0712** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **186.4490, -20.9274, 39.0712**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5550, 8.1074, -33.8127**, and **134.0240, 20.2012, -39.4860** is the 20% darker color. If you saturate the color by 10%, you get **177.5650, 26.3435, -49.6075**, and if you desaturate by 10%, it is **199.5370, 15.5113, -28.5349**.

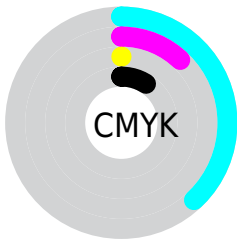
Distribution



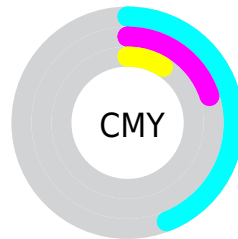
- Red (56%)
- Green (80%)
- Blue (91%)



- Red (56%)
- Yellow (70%)
- Blue (91%)



- Cyan (38%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (44%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.5510, 20.9274, -39.0712 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 188.5510, 20.9274, -39.0712 by changing the saturation by 10% instead.

■ 188.5510, 20.9274,
-39.0712

■ 188.5510, 20.9274,
-39.0712

255.0000, 0.0000,
0.0000

■ 161.1380, 20.6380,
-39.5860

■ 238.5550, 8.1074,
-33.8127

■ 134.0240, 20.2012,
-39.4860

■ 247.2260, 3.8326,
-15.9842

■ 107.7250, 20.3486,
-40.1008

■ 80.8170, 20.7962,
-43.6895

■ 54.6100, 21.3913,
-47.8930

■ 38.9600, 17.2747,
-34.1679

■ 24.0110, 13.3056,

-21.0576

■ 4.5940, 12.5252,
-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 188.5510, 20.9274,
-39.0712

■ 188.5510, 20.9274,
-39.0712

■ 177.5650, 26.3435,
-49.6075

■ 199.5370, 15.5113,
-28.5349

■ 165.9920, 32.0489,
-59.6290

■ 211.1100, 9.8058,
-18.5135

■ 155.0060, 37.4650,
-70.1653

■ 222.0960, 4.3897,
-7.9772

■ 143.4330, 43.1705,
-80.1867

■ 233.6690, -1.3158,
2.0443

■ 132.1480, 48.7340,
-91.3378

■ 243.4590, -6.1423,
10.1215

■ 120.5750, 54.4395,
-101.3593

■ 248.1550, -8.4574,
6.0031

■ 118.4930, 55.4660,
-103.9184

■ 252.2640,
-10.4832, 2.3995

Harmonies

Analogous

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



186.3840, 14.1077, -45.0638



188.5510, 20.9274, -39.0712



192.8890, 21.7467, -21.8277

Triad

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



188.5510, 20.9274, -39.0712



198.8670, -1.4134, 33.4426



191.8090, -17.1608, -2.4635

Complementary

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



188.5510, 20.9274, -39.0712



186.4490, -20.9274, 39.0712

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.



194.0070, -20.7095, 15.7799



188.5510, 20.9274, -39.0712



197.6580, -11.1704, 36.2569

Square

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



188.5510, 20.9274, -39.0712



198.5370, 9.1023, 20.5771



196.0780, -18.2795, 29.7496



188.9790, -8.3706, -21.9066

Rectangle

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



188.5510, 20.9274, -39.0712



195.7060, 19.3719, -6.7582



196.0780, -18.2795, 29.7496



192.6850, -19.0717, 3.7843

Sweetspot

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



188.5510, 20.9274, -39.0712



241.3450, 6.7319, -12.5806



198.2610, -12.9467, -47.5869



119.3950, 4.2423, -7.3624



0.0000, 0.0000, 0.0000



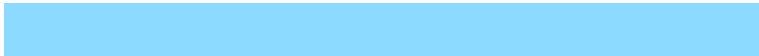
128.0000, 0.0000, 0.0000

Same Dimension

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



188.5510, 20.9274, -39.0712



198.8960, 27.6593, -51.6518



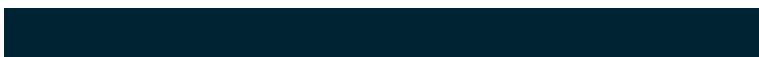
163.3100, 33.3712, -16.9349



109.0640, 2.9264, -5.3181



91.4330, 43.1705, -80.1867



26.3590, 12.1480, -23.1168

Inverse Universe

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



176.7390, 12.9467, 47.5869



183.2770, 17.1184, 62.9011



211.6900, -33.3712, 16.9349



107.5000, 1.7255, 6.5775



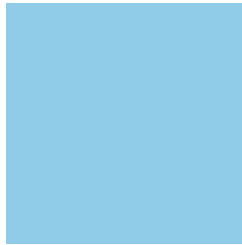
67.3150, 26.4667, 97.9477



19.2390, 7.7702, 27.8544

Previews

White Background



This preview shows how the YUV color 188.5510, 20.9274, -39.0712 looks on a white background.

Color Contrast Check

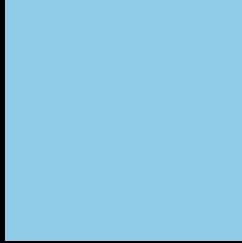
Large Text (above 18pt) WCAG AA × Fail

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 188.5510, 20.9274, -39.0712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

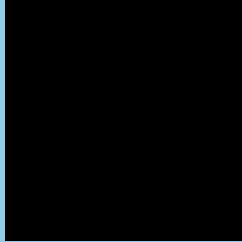
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.5510, 20.9274, -39.0712

Background



This preview shows how black text looks on a background with the YUV color 188.5510, 20.9274, -39.0712.



This preview shows how white text looks on a background with the YUV color 188.5510, 20.9274, -39.0712.

-39.0712.

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

188.5510, 20.9274, -39.0712

Protanopia

194.4520, 14.5672, -5.6584

Deuteranopia

195.9130, 18.7769, -2.5547



Tritanopia

187.6880, 16.4228, -40.9454

Trichromacy



Original Color

188.5510, 20.9274, -39.0712

Protanomaly

192.3580, 17.0785, -17.8540

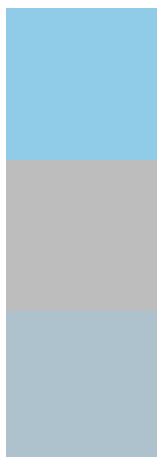
Deuteranomaly

193.3520, 19.5465, -16.0947

Tritanomaly

187.8560, 18.3120, -40.2157

Monochromacy



Original Color

188.5510, 20.9274, -39.0712

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.8610, 7.4635, -13.9101

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.5510, 20.9274, -39.0712 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(144, 203, 231)` looks like.

```
.text, #text, p{  
    color:rgb(144, 203, 231)  
}
```

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(144, 203, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 203, 231) }
```

Border

The CSS property to change the border of an element to YUV 188.5510, 20.9274, -39.0712 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(144, 203, 231) }
```


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

```
.border{ border-color:rgb(144, 203, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 203, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 203, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 203, 231);  
box-shadow:4px 4px 4px 4px rgb(144, 203,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 188.5510, 20.9274, -39.0712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 203, 231) }
```

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

```
.background{ background-color: rgb(144,  
203, 231) }
```

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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