

Converting Colors

YUV(170.7880, 41.5165,
-62.9581)

Have a look what the booklet for
YUV(170.7880, 41.5165, -62.9581)
contains.

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Color

**YUV(170.7880, 41.5165,
-62.9581)**

Conversions

Conversions Part 1

Format	Color
Hex	63BFFF
RGB	99, 191, 255
RGB Percent	39%, 75%, 100%
CMY	0.6118, 0.2510, 0.0000
CMYK	0.61, 0.25, 0.00, 0.00
HSL	205°, 100%, 69%
HSV	205°, 61%, 100%
XYZ	41.8264, 47.1343, 101.5011
YIQ	170.7880, -75.3760, 0.4000

Conversions

Conversions Part 2

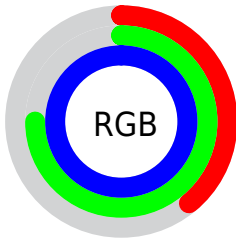
Format	Color
R _Y B	99, 157, 255
Decimal	6537215
CIE Lab	74.28, -8.81, -39.73
CIE LCh	74, 40.691, 257.501
Yxy	47.1343, 0.2196, 0.2475
Android (android.graphics.Color)	4284727295 (0xFF63BFFF)
YUV	170.7880, 41.5165, -62.9581
Hunter-Lab	68.6544, -11.3974, -39.5984

Details

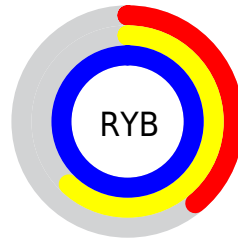
The YUV color **170.7880, 41.5165, -62.9581** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **183.2120, -41.5165, 62.9581**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1980, 16.1714, -53.6706**, and **105.9700, 45.3708, -85.9197** is the 20% darker color. If you saturate the color by 10%, you get **157.1440, 48.2430, -73.7943**, and if you desaturate by 10%, it is **184.1330, 34.9374, -52.7366**.

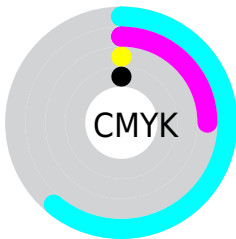
Distribution



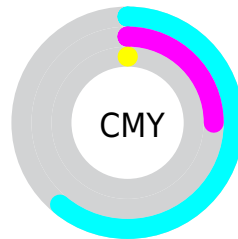
- Red (39%)
- Green (75%)
- Blue (100%)



- Red (39%)
- Yellow (62%)
- Blue (100%)



- Cyan (61%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.7880, 41.5165, -62.9581 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 170.7880, 41.5165, -62.9581 by changing the saturation by 10% instead.

■ 170.7880, 41.5165,
-62.9581

■ 170.7880, 41.5165,
-62.9581

255.0000, 0.0000,
0.0000

■ 141.1680, 41.8222,
-67.6763

■ 222.1980, 16.1714,
-53.6706

■ 105.9700, 45.3708,
-85.9197

■ 235.8640, 9.4340,
-39.3457

■ 85.1240, 41.8439,
-74.6537

■ 245.1330, 4.8644,
-20.2876

■ 68.0720, 37.4325,
-59.6991

254.4020, 0.2948,
-1.2296

■ 51.6070, 32.7317,
-45.2593

■ 35.8430, 28.1784,
-31.4343

■ 21.9540, 23.1937,

-19.2537

■ 7.5920, 18.9351,
-6.6582

■ 3.3230, 10.1938,
-2.9143

■ 170.7880, 41.5165,
-62.9581

■ 170.7880, 41.5165,
-62.9581

■ 157.1440, 48.2430,
-73.7943

■ 184.1330, 34.9374,
-52.7366

■ 143.2120, 55.1115,
-83.5009

■ 198.3640, 27.9215,
-42.4152

■ 129.5680, 61.8380,
-94.3371

■ 212.0080, 21.1951,
-31.5790

■ 117.1200, 67.9748,
-102.7142

■ 225.9400, 14.3266,
-21.8724

■ 239.5840, 7.6001,
-11.0362

■ 253.5160, 0.7316,
-1.3295

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



149.5120, 43.1316, -114.4590



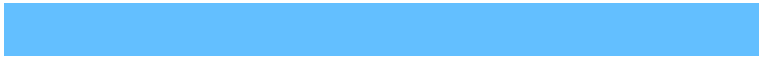
170.7880, 41.5165, -62.9581



183.0650, 34.9710, -16.7200

Triad

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



170.7880, 41.5165, -62.9581



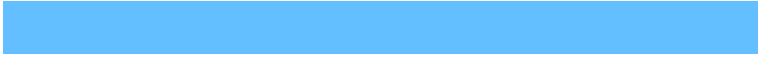
185.1110, -11.3937, 61.2927



172.7430, -20.5793, -26.0846

Complementary

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



170.7880, 41.5165, -62.9581



183.2120, -41.5165, 62.9581

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.



177.6240, -33.3386, 6.4688



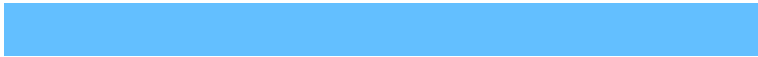
170.7880, 41.5165, -62.9581



183.3540, -26.7965, 54.9405

Square

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



170.7880, 41.5165, -62.9581



187.0400, 6.3893, 50.8309



181.3440, -35.1726, 34.7783



165.4900, -0.2416, -62.6967

Rectangle

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



170.7880, 41.5165, -62.9581



186.2920, 27.4640, 11.1449



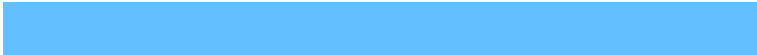
181.3440, -35.1726, 34.7783



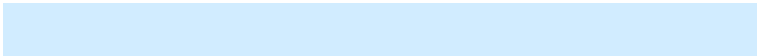
175.0280, -26.1428, -14.9336

Sweetspot

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



170.7880, 41.5165, -62.9581



230.0930, 12.2792, -18.4986



197.6400, -18.0635, -86.5073



112.2850, 7.7475, -11.6509



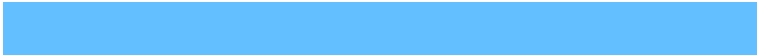
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



170.7880, 41.5165, -62.9581



154.7740, 49.4114, -75.2238



126.1760, 63.5102, -23.8334



120.5910, 3.6526, -4.9033



88.1050, 50.7272, -77.2681



29.6020, 16.9582, -25.9610

Inverse Universe

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



156.1320, 17.1899, 86.7072



137.1540, 20.6301, 103.3509



227.8240, -63.5102, 23.8334



119.6850, 1.1413, 7.2923



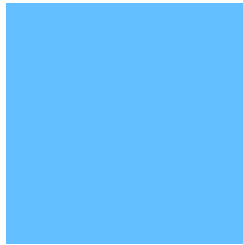
69.9910, 21.2034, 106.1249



23.4680, 7.1643, 35.5466

Previews

White Background



This preview shows how the YUV color 170.7880, 41.5165, -62.9581 looks on a white background.

Color Contrast Check

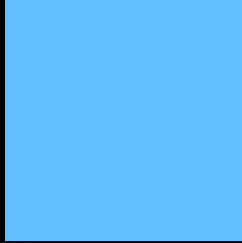
Large Text (above 18pt) WCAG AA × Fail

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 170.7880, 41.5165, -62.9581 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

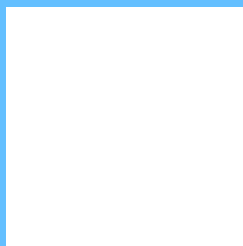
Any Text WCAG AAA ✓ Pass

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

YUV 170.7880, 41.5165, -62.9581 Background



This preview shows how black text looks on a background with the YUV color 170.7880, 41.5165, -62.9581.

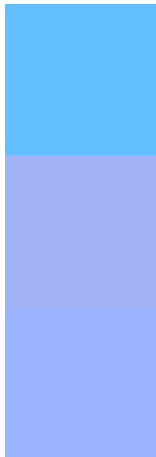


This preview shows how white text looks on a background with the YUV color 170.7880, 41.5165,

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

170.7880, 41.5165, -62.9581

Protanopia

181.5550, 31.7714, -17.1497

Deuteranopia

181.0750, 36.4450, -22.8678



Tritanopia

164.6560, 24.8196, -74.2433

Trichromacy



Original Color

170.7880, 41.5165, -62.9581

Protanomaly

177.3680, 35.3146, -33.6487

Deuteranomaly

177.4430, 38.2356, -37.2225

Tritanomaly

166.6980, 31.2079, -69.8951

Monochromacy



Original Color

170.7880, 41.5165, -62.9581

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.8690, 15.3476, -22.6871

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.7880, 41.5165, -62.9581 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(99, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(99, 191, 255)  
}
```

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(99, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 191, 255) }
```

Border

The CSS property to change the border of an element to YUV 170.7880, 41.5165, -62.9581 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

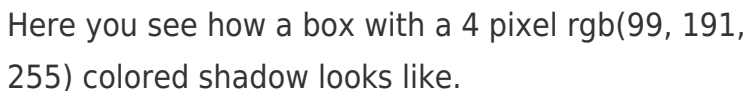
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 191, 255) }
```


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

```
.border{ border-color:rgb(99, 191, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(99, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(99, 191, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(99, 191, 255); box-shadow:4px 4px 4px 4px rgb(99, 191, 255) }
```

Background

The CSS property to change the background color of an element to YUV 170.7880, 41.5165, -62.9581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 191, 255) }
```

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

```
.background{ background-color: rgb(99, 191,  
255) }
```

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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