

Converting Colors

YUV(169.7510, 41.0418,
-50.6476)

Have a look what the booklet for
YUV(169.7510, 41.0418, -50.6476)
contains.

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Color

**YUV(169.7510, 41.0418,
-50.6476)**

Conversions

Conversions Part 1

Format	Color
Hex	70B7FD
RGB	112, 183, 253
RGB Percent	44%, 72%, 99%
CMY	0.5608, 0.2824, 0.0078
CMYK	0.56, 0.28, 0.00, 0.01
HSL	210°, 97%, 72%
HSV	210°, 56%, 99%
XYZ	41.3452, 44.4036, 99.3201
YIQ	169.7510, -64.7860, 6.7180

Conversions

Conversions Part 2

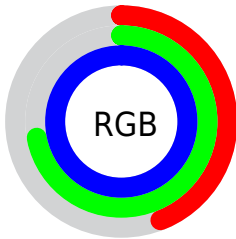
Format	Color
RYB	112, 159, 253
Decimal	7387133
CIELab	72.50, -2.61, -41.38
CIELCh	72, 41.465, 266.397
Yxy	44.4036, 0.2234, 0.2399
Android (android.graphics.Color)	4285577213 (0xFF70B7FD)
YUV	169.7510, 41.0418, -50.6476
Hunter-Lab	66.6360, -5.8603, -41.7258

Details

The YUV color **169.7510, 41.0418, -50.6476** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **195.2490, -41.0418, 50.6476**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.7910, 16.8650, -42.7897**, and **112.1090, 41.3583, -58.8546** is the 20% darker color. If you saturate the color by 10%, you get **154.6450, 48.4890, -59.3247**, and if you desaturate by 10%, it is **184.8570, 33.5945, -41.9706**.

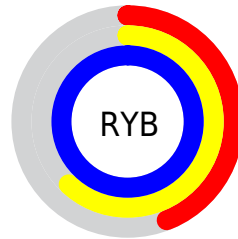
Distribution



Red (44%)

Green (72%)

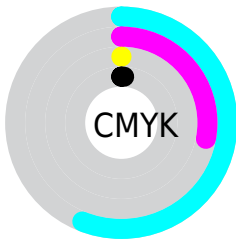
Blue (99%)



Red (44%)

Yellow (62%)

Blue (99%)

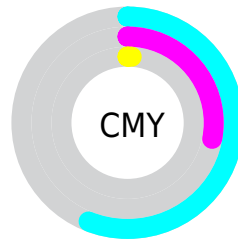


Cyan (56%)

Magenta (28%)

Yellow (0%)

Black (1%)



Cyan (56%)

Magenta (28%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.7510, 41.0418, -50.6476 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 169.7510, 41.0418, -50.6476 by changing the saturation by 10% instead.

■ 169.7510, 41.0418,
-50.6476

■ 169.7510, 41.0418,
-50.6476

■ 255.0000, 0.0000,
0.0000

■ 141.3270, 40.7578,
-52.9068

■ 220.7910, 16.8650,
-42.7897

■ 112.1090, 41.3583,
-58.8546

■ 239.1530, 7.8126,
-32.5832

■ 80.9010, 43.4328,
-70.9502

■ 248.1230, 3.3904,
-14.1399

■ 63.7350, 38.5846,
-55.8956

■ 47.8570, 33.5945,
-41.9706

■ 32.6800, 28.7518,
-28.6604

■ 17.6170, 24.3458,

-15.4501

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 169.7510, 41.0418,
-50.6476

■ 169.7510, 41.0418,
-50.6476

■ 154.6450, 48.4890,
-59.3247

■ 184.8570, 33.5945,
-41.9706

■ 139.8270, 55.7943,
-69.1313

■ 199.6750, 26.2892,
-32.1640

■ 124.7210, 63.2415,
-77.8083

■ 214.7810, 18.8420,
-23.4869

■ 110.2020, 70.3994,
-87.0002

■ 229.3000, 11.6841,
-14.2951

■ 103.3910, 73.7572,
-90.6739

■ 244.7050, 4.0894,
-5.0033

254.7720, -0.8736,
0.2000

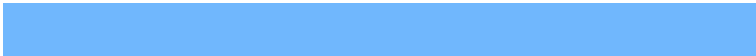
Harmonies

Analogous

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



147.2290, 45.7361, -109.8258



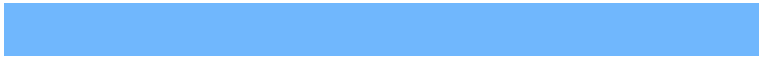
169.7510, 41.0418, -50.6476



180.1590, 32.4596, -4.5244

Triad

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



169.7510, 41.0418, -50.6476



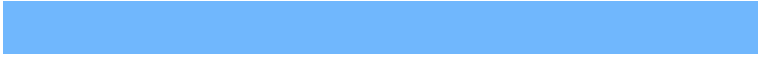
179.7430, -16.6353, 62.4924



166.0450, -15.3052, -37.7505

Complementary

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



169.7510, 41.0418, -50.6476



195.2490, -41.0418, 50.6476

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.



171.7260, -31.4169, -3.2677



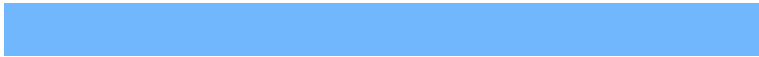
169.7510, 41.0418, -50.6476



178.2950, -30.7114, 50.6073

Square

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



169.7510, 41.0418, -50.6476



181.7050, 1.1314, 57.2637



175.2460, -36.6033, 26.9713



156.1660, 7.8062, -77.3216

Rectangle

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



169.7510, 41.0418, -50.6476



182.3320, 23.5003, 22.5108



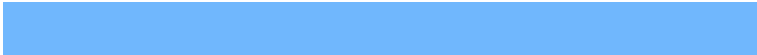
175.2460, -36.6033, 26.9713



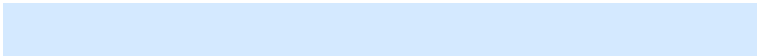
167.8140, -21.6003, -25.2699

Sweetspot

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



169.7510, 41.0418, -50.6476



229.2290, 12.7051, -15.1098



202.5190, -11.1019, -79.3852



112.5950, 7.5947, -9.2918



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.



169.7510, 41.0418, -50.6476



153.9760, 49.8048, -61.3690



129.2480, 61.0097, -15.1265



120.0040, 3.9420, -4.3885



78.1260, 55.6469, -68.5165



26.0800, 18.6946, -22.8722

Inverse Universe

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



162.2530, 10.2283, 79.5851



144.9330, 12.3580, 96.5288



235.7520, -61.0097, 15.1265



119.5710, 0.7045, 7.3922



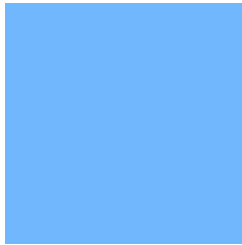
68.0530, 13.7779, 107.8245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 169.7510, 41.0418, -50.6476 looks on a white background.

Color Contrast Check

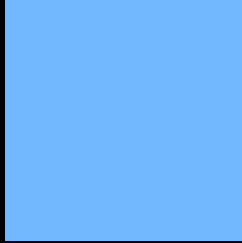
Large Text (above 18pt) WCAG AA × Fail

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 169.7510, 41.0418, -50.6476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

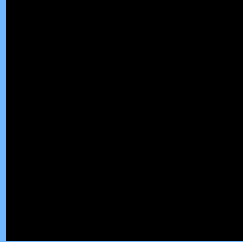
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

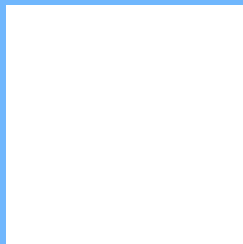
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 169.7510, 41.0418, -50.6476

Background



This preview shows how black text looks on a background with the YUV color 169.7510, 41.0418, -50.6476.



This preview shows how white text looks on a background with the YUV color 169.7510, 41.0418, -50.6476.

-50.6476.

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

169.7510, 41.0418, -50.6476

Protanopia

176.5270, 34.2502, -18.8792

Deuteranopia

175.4490, 39.2186, -25.8268



Tritanopia

164.4080, 20.9979, -61.7478

Trichromacy



Original Color

169.7510, 41.0418, -50.6476

Protanomaly

173.8460, 37.0509, -30.5599

Deuteranomaly

173.5080, 39.6826, -34.6485

Tritanomaly

166.6780, 28.2597, -57.5996

Monochromacy



Original Color

169.7510, 41.0418, -50.6476

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.0760, 14.7525, -18.4837

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.7510, 41.0418, -50.6476 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(112, 183, 253)` looks like.

```
.text, #text, p{  
    color:rgb(112, 183, 253)  
}
```

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(112, 183, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 183, 253) }
```

Border

The CSS property to change the border of an element to YUV 169.7510, 41.0418, -50.6476 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(112, 183, 253) }
```


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

```
.border{ border-color:rgb(112, 183, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 183, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 183, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 183, 253);  
box-shadow:4px 4px 4px 4px rgb(112, 183,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 169.7510, 41.0418, -50.6476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 183, 253) }
```

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

```
.background{ background-color: rgb(112,  
183, 253) }
```

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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