

Converting Colors

YUV(182.7230, 26.7586,
-42.7301)

Have a look what the booklet for
YUV(182.7230, 26.7586, -42.7301)
contains.

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Color

**YUV(182.7230, 26.7586,
-42.7301)**

Conversions

Conversions Part 1

Format	Color
Hex	86C5ED
RGB	134, 197, 237
RGB Percent	53%, 77%, 93%
CMY	0.4745, 0.2275, 0.0706
CMYK	0.43, 0.17, 0.00, 0.07
HSL	203°, 74%, 73%
HSV	203°, 43%, 93%
XYZ	45.0838, 51.1153, 87.6108
YIQ	182.7230, -50.3880, -0.9160

Conversions

Conversions Part 2

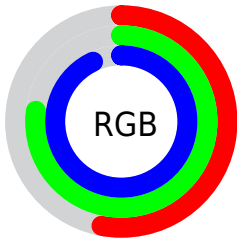
Format	Color
RYB	134, 173, 237
Decimal	8832493
CIELab	76.75, -9.84, -26.11
CIELCh	77, 27.902, 249.351
Yxy	51.1153, 0.2453, 0.2781
Android (android.graphics.Color)	4287022573 (0xFF86C5ED)
YUV	182.7230, 26.7586, -42.7301
Hunter-Lab	71.4949, -12.5562, -22.6083

Details

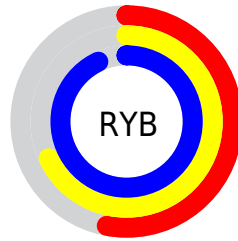
The YUV color **182.7230, 26.7586, -42.7301** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **188.2770, -26.7586, 42.7301**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.2770, 9.7234, -38.8309**, and **127.5980, 26.3272, -44.3744** is the 20% darker color. If you saturate the color by 10%, you get **170.2640, 32.9008, -52.8515**, and if you desaturate by 10%, it is **195.1820, 20.6163, -32.6086**.

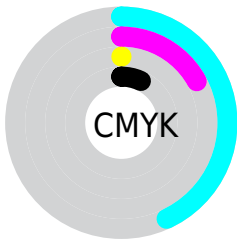
Distribution



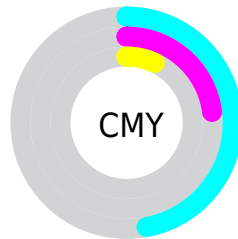
- Red (53%)
- Green (77%)
- Blue (93%)



- Red (53%)
- Yellow (68%)
- Blue (93%)



- Cyan (43%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)



- Cyan (47%)
- Magenta (23%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 182.7230, 26.7586, -42.7301 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 182.7230, 26.7586, -42.7301 by changing the saturation by 10% instead.

■ 182.7230, 26.7586,
-42.7301

■ 182.7230, 26.7586,
-42.7301

■ 255.0000, 0.0000,
0.0000

■ 155.3100, 26.4692,
-43.2449

■ 235.2770, 9.7234,
-38.8309

■ 127.5980, 26.3272,
-44.3744

■ 244.5350, 5.1592,
-21.5172

■ 100.8750, 26.1906,
-47.2484

■ 253.5050, 0.7370,
-3.0739

■ 69.4820, 28.8494,
-60.0587

■ 52.8320, 24.7328,
-46.3337

■ 36.5950, 20.9057,
-32.0938

■ 22.1190, 16.2103,

-19.3984

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 182.7230, 26.7586,
-42.7301

■ 182.7230, 26.7586,
-42.7301

■ 170.2640, 32.9008,
-52.8515

■ 195.1820, 20.6163,
-32.6086

■ 158.1040, 38.8957,
-62.3582

■ 207.3420, 14.6214,
-23.1019

■ 145.0580, 45.3274,
-71.9649

■ 220.3880, 8.1897,
-13.4953

■ 132.5990, 51.4697,
-82.0863

■ 232.8470, 2.0474,
-3.3738

■ 120.1400, 57.6120,
-92.2078

■ 245.0070, -3.9475,
6.1329

■ 112.1330, 61.5594,
-98.3406

■ 251.1870, -6.9942,
3.3440

■ 252.9480, -7.8624,
1.7996

Harmonies

Analogous

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



177.8540, 21.2710, -56.0000



182.7230, 26.7586, -42.7301



188.8340, 25.2248, -17.3944

Triad

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



182.7230, 26.7586, -42.7301



193.1840, -5.5137, 41.9346



184.3410, -17.4231, -11.7001

Complementary

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



182.7230, 26.7586, -42.7301



188.2770, -26.7586, 42.7301

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.



187.0620, -24.1876, 11.3466



182.7230, 26.7586, -42.7301



191.6110, -16.5702, 41.5602

Square

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



182.7230, 26.7586, -42.7301



193.7340, 7.0331, 30.9283



189.9980, -23.6630, 29.8198



180.4120, -5.1331, -33.6873

Rectangle

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



182.7230, 26.7586, -42.7301



191.8040, 20.8026, 1.0489



189.9980, -23.6630, 29.8198



185.0000, -20.2130, -3.5080

Sweetspot

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



182.7230, 26.7586, -42.7301



237.5020, 8.6265, -13.5953



198.9070, -12.7722, -56.9234



117.0250, 5.4107, -8.7919



0.0000, 0.0000, 0.0000



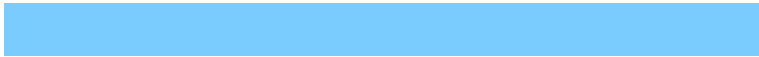
128.0000, 0.0000, 0.0000

Same Dimension

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



182.7230, 26.7586, -42.7301



185.2960, 34.3641, -55.5106



152.7860, 41.5175, -16.4753



111.3630, 2.7790, -4.7034



85.7910, 46.9380, -75.2387



25.5270, 14.0372, -22.3872

Inverse Universe

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



171.9790, 12.3354, 57.0234



171.1150, 16.2123, 73.5671



218.2140, -41.5175, 16.4753



110.0870, 1.4361, 6.0627



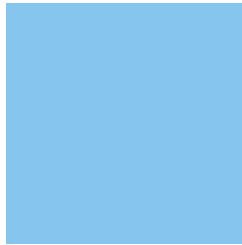
66.7730, 21.8039, 100.1771



19.9080, 6.4544, 29.8987

Previews

White Background



This preview shows how the YUV color 182.7230, 26.7586, -42.7301 looks on a white background.

Color Contrast Check

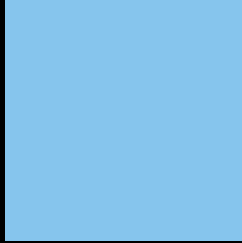
Large Text (above 18pt) WCAG AA × Fail

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 182.7230, 26.7586, -42.7301 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 182.7230, 26.7586, -42.7301 Background



This preview shows how black text looks on a background with the YUV color 182.7230, 26.7586, -42.7301.



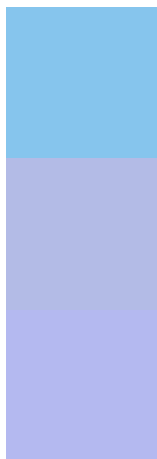
This preview shows how white text looks on a background with the YUV color 182.7230, 26.7586, -42.7301.

-42.7301.

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

182.7230, 26.7586, -42.7301

Protanopia

189.5100, 19.9616, -9.2173

Deuteranopia

189.7750, 24.7609, -8.5727



Tritanopia

180.9970, 17.7495, -46.4784

Trichromacy



Original Color

182.7230, 26.7586, -42.7301

Protanomaly

187.4160, 22.4729, -21.4128

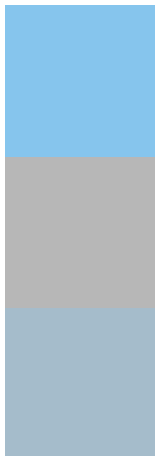
Deuteranomaly

186.9260, 25.6725, -20.9831

Tritanomaly

181.8060, 20.8016, -45.4339

Monochromacy



Original Color

182.7230, 26.7586, -42.7301

Achromatopsia

183.0000, 0.0000, 0.0000

Achromatomaly

182.8330, 9.9423, -15.6395

CSS Examples

Text

The CSS property to change the color of the text to YUV 182.7230, 26.7586, -42.7301 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(134, 197, 237)` looks like.

```
.text, #text, p{  
    color:rgb(134, 197, 237)  
}
```

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(134, 197, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 197, 237) }
```

Border

The CSS property to change the border of an element to YUV 182.7230, 26.7586, -42.7301 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(134, 197, 237) }
```


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

```
.border{ border-color:rgb(134, 197, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 197, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 197, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 197, 237);  
box-shadow:4px 4px 4px 4px rgb(134, 197,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 182.7230, 26.7586, -42.7301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 197, 237) }
```

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

```
.background{ background-color: rgb(134,  
197, 237) }
```

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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