

Converting Colors

YUV(190.4470, 28.8666,
-18.8090)

Have a look what the booklet for
YUV(190.4470, 28.8666, -18.8090)
contains.

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Color

**YUV(190.4470, 28.8666,
-18.8090)**

Conversions

Conversions Part 1

Format	Color
Hex	A9BEF9
RGB	169, 190, 249
RGB Percent	66%, 75%, 98%
CMY	0.3373, 0.2549, 0.0235
CMYK	0.32, 0.24, 0.00, 0.02
HSL	224°, 87%, 82%
HSV	224°, 32%, 98%
XYZ	51.8745, 52.1015, 96.9450
YIQ	190.4470, -31.4550, 13.8970

Conversions

Conversions Part 2

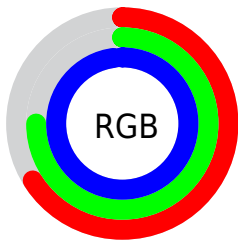
Format	Color
R _Y B	169, 186, 249
Decimal	11124473
CIE Lab	77.34, 6.28, -31.47
CIE LCh	77, 32.092, 281.277
Yxy	52.1015, 0.2582, 0.2593
Android (android.graphics.Color)	4289314553 (0xFFA9BEF9)
YUV	190.4470, 28.8666, -18.8090
Hunter-Lab	72.1814, 1.9651, -29.1040

Details

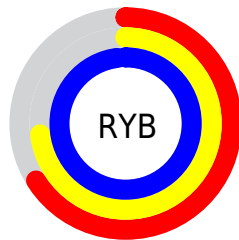
The YUV color **190.4470, 28.8666, -18.8090** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **227.5530, -28.8666, 18.8090**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.0460, 6.8793, -13.1953**, and **136.6920, 27.2668, -19.0239** is the 20% darker color. If you saturate the color by 10%, you get **172.4060, 37.7608, -24.9121**, and if you desaturate by 10%, it is **208.4880, 19.9724, -12.7060**.

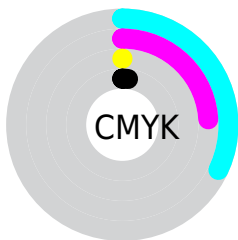
Distribution



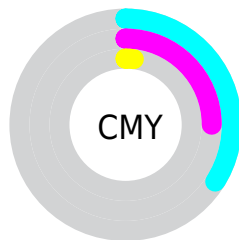
- Red (66%)
- Green (75%)
- Blue (98%)



- Red (66%)
- Yellow (73%)
- Blue (98%)



- Cyan (32%)
- Magenta (24%)
- Yellow (0%)
- Black (2%)



- Cyan (34%)
- Magenta (25%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.4470, 28.8666, -18.8090 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 190.4470, 28.8666, -18.8090 by changing the saturation by 10% instead.

■ 190.4470, 28.8666,
-18.8090

■ 190.4470, 28.8666,
-18.8090

255.0000, 0.0000,
0.0000

■ 162.9200, 28.1404,
-19.2238

■ 241.0460, 6.8793,
-13.1953

■ 136.6920, 27.2668,
-19.0239

■ 110.8660, 26.6881,
-20.0535

■ 85.4530, 26.3987,
-20.5683

■ 60.6160, 25.8253,
-23.3422

■ 35.2730, 25.9944,
-30.9344

■ 20.7970, 21.2991,

-18.2390

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 190.4470, 28.8666,
-18.8090

■ 190.4470, 28.8666,
-18.8090

■ 172.4060, 37.7608,
-24.9121

■ 208.4880, 19.9724,
-12.7060

■ 153.7780, 46.9444,
-30.5003

■ 227.1160, 10.7888,
-7.1177

■ 135.7370, 55.8387,
-36.6033

■ 245.1570, 1.8946,
-1.0147

■ 117.6960, 64.7329,
-42.7064

■ 254.3160, -2.6208,
0.5999

■ 99.3670, 73.7691,
-47.6799

■ 81.3260, 82.6633,
-53.7829

■ 66.5410, 89.9523,
-58.3565

Harmonies

Analogous

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



182.6450, 31.7270, -49.6777



190.4470, 28.8666, -18.8090



194.4680, 20.4753, 12.7446

Triad

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



190.4470, 28.8666, -18.8090



193.1340, -19.7861, 46.3635



180.1830, -4.5272, -41.3795

Complementary

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



190.4470, 28.8666, -18.8090



227.5530, -28.8666, 18.8090

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.



184.8630, -19.1595, -14.7889



190.4470, 28.8666, -18.8090



190.9830, -27.5996, 32.4639

Square

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



190.4470, 28.8666, -18.8090



194.5870, -6.6984, 48.5972



188.4380, -27.8239, 11.0169



176.2200, 12.7095, -63.3369

Rectangle

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



190.4470, 28.8666, -18.8090



195.9880, 11.8379, 29.8285



188.4380, -27.8239, 11.0169



182.1580, -9.9379, -32.5876

Sweetspot

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



190.4470, 28.8666, -18.8090



236.3720, 9.1836, -5.5882



222.6860, 2.6198, -47.0826



116.1720, 5.8312, -3.6588



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.



190.4470, 28.8666, -18.8090



182.5480, 35.7188, -23.2826



183.8010, 32.1431, 3.6825



115.8300, 4.5208, -3.3589



50.8960, 68.0853, -44.6358



16.3460, 22.0144, -14.3354

Inverse Universe

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



195.3140, -2.6198, 47.0826



188.5650, -3.2365, 58.2635



234.1990, -32.1431, -3.6825



116.3430, -0.1691, 7.5922



62.2110, -6.0200, 111.1940



20.0630, -2.0031, 35.9017

Previews

White Background



This preview shows how the YUV color 190.4470, 28.8666, -18.8090 looks on a white background.

Color Contrast Check

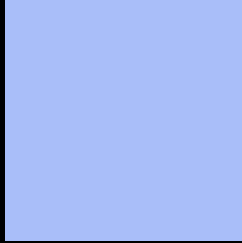
Large Text (above 18pt) WCAG AA × Fail

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 190.4470, 28.8666, -18.8090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

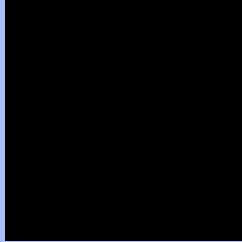
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.4470, 28.8666, -18.8090

Background



This preview shows how black text looks on a background with the YUV color 190.4470, 28.8666, -18.8090.



This preview shows how white text looks on a background with the YUV color 190.4470, 28.8666, -18.8090.

-18.8090.

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

190.4470, 28.8666, -18.8090

Protanopia

190.9530, 28.1242, -13.9908

Deuteranopia

191.7790, 28.7030, -12.9612



Tritanopia

187.9460, 11.8586, -23.6316

Trichromacy



Original Color

190.4470, 28.8666, -18.8090

Protanomaly

190.9420, 28.1296, -15.7351

Deuteranomaly

191.4690, 28.8558, -15.3203

Tritanomaly

188.5640, 17.9629, -21.5426

Monochromacy



Original Color

190.4470, 28.8666, -18.8090

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.0020, 10.3520, -7.0178

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.4470, 28.8666, -18.8090 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(169, 190, 249)` looks like.

```
.text, #text, p{  
    color:rgb(169, 190, 249)  
}
```

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(169, 190, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 190, 249) }
```

Border

The CSS property to change the border of an element to YUV 190.4470, 28.8666, -18.8090 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(169, 190, 249) }
```


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

```
.border{ border-color:rgb(169, 190, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 190, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 190, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 190, 249);  
box-shadow:4px 4px 4px 4px rgb(169, 190,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 190.4470, 28.8666, -18.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 190, 249) }
```

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

```
.background{ background-color: rgb(169,  
190, 249) }
```

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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