

Converting Colors

YUV(171.5270, 34.2502,
-18.8792)

Have a look what the booklet for
YUV(171.5270, 34.2502, -18.8792)
contains.

YUV(171.5270, 34.2502, -18.8792)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(171.5270, 34.2502,
-18.8792)**

Conversions

Conversions Part 1

Format	Color
Hex	96A9F1
RGB	150, 169, 241
RGB Percent	59%, 66%, 95%
CMY	0.4118, 0.3373, 0.0549
CMYK	0.38, 0.30, 0.00, 0.05
HSL	227°, 76%, 77%
HSV	227°, 38%, 95%
XYZ	42.6428, 41.2108, 88.9261
YIQ	171.5270, -34.4360, 18.3640

Conversions

Conversions Part 2

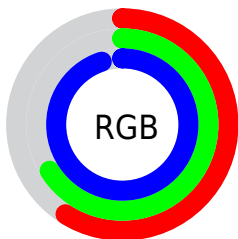
Format	Color
R _Y B	150, 166, 241
Decimal	9873905
CIE Lab	70.32, 10.69, -38.11
CIE LCh	70, 39.584, 285.664
Yxy	41.2108, 0.2468, 0.2385
Android (android.graphics.Color)	4288063985 (0xFF96A9F1)
YUV	171.5270, 34.2502, -18.8792
Hunter-Lab	64.1957, 6.2286, -37.1936

Details

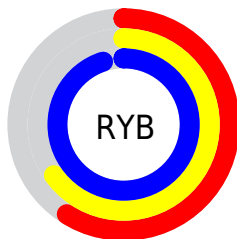
The YUV color $171.5270, 34.2502, -18.8792$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $219.4730, -34.2502, 18.8792$, and the grayscale version is $171.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.4510, 16.0467, -13.5505$, and $118.1740, 32.9452, -20.3236$ is the 20% darker color. If you saturate the color by 10%, you get $153.1980, 43.2864, -23.8526$, and if you desaturate by 10%, it is $189.8560, 25.2140, -13.9057$.

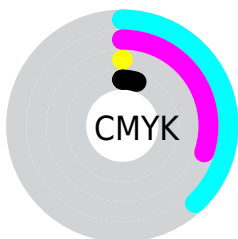
Distribution



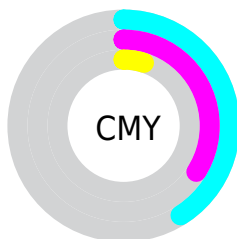
- Red (59%)
- Green (66%)
- Blue (95%)



- Red (59%)
- Yellow (65%)
- Blue (95%)



- Cyan (38%)
- Magenta (30%)
- Yellow (0%)
- Black (5%)



- Cyan (41%)
- Magenta (34%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.5270, 34.2502, -18.8792 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 171.5270, 34.2502, -18.8792 by changing the saturation by 10% instead.

■ 171.5270, 34.2502,
-18.8792

■ 171.5270, 34.2502,
-18.8792

255.0000, 0.0000,
0.0000

■ 144.5870, 33.2346,
-19.8088

■ 222.4510, 16.0467,
-13.5505

■ 118.1740, 32.9452,
-20.3236

■ 248.1450, 3.3795,
-10.6512

■ 92.8210, 31.6402,
-21.7680

■ 67.0980, 31.5037,
-24.6419

■ 39.6730, 32.6992,
-34.7932

■ 25.0830, 27.5671,
-21.9978

■ 6.6120, 25.3343,

-5.7987

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 171.5270, 34.2502,
-18.8792

■ 171.5270, 34.2502,
-18.8792

■ 153.1980, 43.2864,
-23.8526

■ 189.8560, 25.2140,
-13.9057

■ 134.8690, 52.3226,
-28.8261

■ 208.1850, 16.1778,
-8.9322

■ 116.5400, 61.3588,
-33.7996

■ 226.5140, 7.1416,
-3.9588

■ 98.2110, 70.3950,
-38.7730

■ 244.8430, -1.8946,
1.0147

■ 79.5830, 79.5786,
-44.3613

■ 253.4040, -6.1152,
1.3997

■ 61.2540, 88.6148,
-49.3348

■ 56.8240, 90.7988,
-49.8346

Harmonies

Analogous

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



159.4350, 40.2115, -64.4025



171.5270, 34.2502, -18.8792



176.6800, 22.3428, 20.4516

Triad

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



171.5270, 34.2502, -18.8792



173.0980, -25.1913, 53.4111



155.5830, -1.2734, -58.3933

Complementary

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



171.5270, 34.2502, -18.8792



219.4730, -34.2502, 18.8792

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.



162.9390, -21.1689, -23.6255



171.5270, 34.2502, -18.8792



170.6860, -33.8622, 34.4784

Square

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



171.5270, 34.2502, -18.8792



174.4420, -10.0779, 59.2484



167.7490, -32.9073, 8.1131



140.9530, 24.1802, -102.5678

Rectangle

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



171.5270, 34.2502, -18.8792



176.5810, 12.5316, 40.7095



167.7490, -32.9073, 8.1131



158.7110, -8.7315, -46.2275

Sweetspot

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



171.5270, 34.2502, -18.8792



233.7140, 10.4940, -5.8882



211.5110, 4.6781, -53.9451



114.6990, 6.5574, -3.2440



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.



171.5270, 34.2502, -18.8792



167.1980, 43.2864, -23.8526



168.1480, 35.9160, 6.8862



110.5420, 4.6628, -2.2293



43.2820, 69.3740, -37.9583



13.4280, 20.9880, -11.7764

Inverse Universe

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



179.3750, -5.1149, 54.0451



177.1210, -6.4687, 68.2999



222.8520, -35.9160, -6.8862



111.8160, -0.8953, 7.1774



59.3480, -10.5246, 109.3198



18.1120, -3.0132, 33.2278

Previews

White Background



This preview shows how the YUV color 171.5270, 34.2502, -18.8792 looks on a white background.

Color Contrast Check

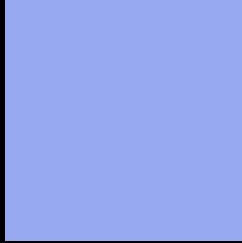
Large Text (above 18pt) WCAG AA × Fail

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 171.5270, 34.2502, -18.8792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

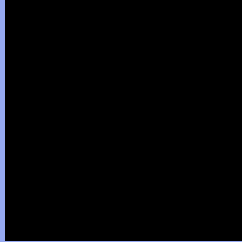
Any Text WCAG AA ✓ Pass

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 171.5270, 34.2502, -18.8792 Background



This preview shows how black text looks on a background with the YUV color 171.5270, 34.2502, -18.8792.



This preview shows how white text looks on a background with the YUV color 171.5270, 34.2502, -18.8792.

-18.8792.

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

171.5270, 34.2502, -18.8792

Protanopia

171.2280, 34.3976, -19.4940

Deuteranopia

171.2170, 34.4030, -21.2383



Tritanopia

167.7500, 12.4482, -26.0907

Trichromacy



Original Color

171.5270, 34.2502, -18.8792

Protanomaly

171.2280, 34.3976, -19.4940

Deuteranomaly

171.5160, 34.2556, -20.6235

Tritanomaly

169.1230, 20.1524, -23.7869

Monochromacy



Original Color

171.5270, 34.2502, -18.8792

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.8710, 12.3886, -6.9029

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.5270, 34.2502, -18.8792 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(150, 169, 241)` looks like.

```
.text, #text, p{  
    color:rgb(150, 169, 241)  
}
```

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(150, 169, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 169, 241) }
```

Border

The CSS property to change the border of an element to YUV 171.5270, 34.2502, -18.8792 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(150, 169, 241) }
```


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

```
.border{ border-color:rgb(150, 169, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 169, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 169, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 169, 241);  
box-shadow:4px 4px 4px 4px rgb(150, 169,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 171.5270, 34.2502, -18.8792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 169, 241) }
```

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

```
.background{ background-color: rgb(150,  
169, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor