

Converting Colors

YUV(189.3150, 32.3827,
-26.5863)

Have a look what the booklet for
YUV(189.3150, 32.3827, -26.5863)
contains.

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Color

**YUV(189.3150, 32.3827,
-26.5863)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC0FF
RGB	159, 192, 255
RGB Percent	62%, 75%, 100%
CMY	0.3765, 0.2471, 0.0000
CMYK	0.38, 0.25, 0.00, 0.00
HSL	219°, 100%, 81%
HSV	219°, 38%, 100%
XYZ	51.1977, 52.2902, 102.0024
YIQ	189.3150, -39.8910, 12.5970

Conversions

Conversions Part 2

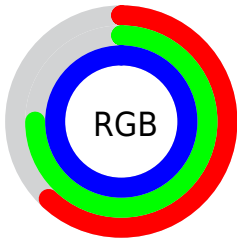
Format	Color
R_{YB}	159, 184, 255
Decimal	10469631
CIE _{Lab}	77.45, 4.01, -34.57
CIE _{LCh}	77, 34.799, 276.610
Yxy	52.2902, 0.2491, 0.2545
Android (android.graphics.Color)	4288659711 (0xFF9FC0FF)
YUV	189.3150, 32.3827, -26.5863
Hunter-Lab	72.3120, -0.1659, -33.0154

Details

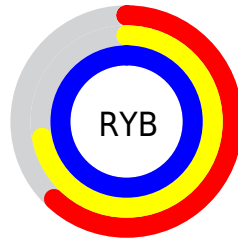
The YUV color $189.3150, 32.3827, -26.5863$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $224.6850, -32.3827, 26.5863$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.2300, 7.7746, -20.3727$, and $135.2610, 30.9303, -27.4159$ is the 20% darker color. If you saturate the color by 10%, you get $171.5620, 41.1349, -33.8189$, and if you desaturate by 10%, it is $207.0680, 23.6305, -19.3536$.

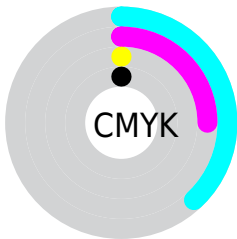
Distribution



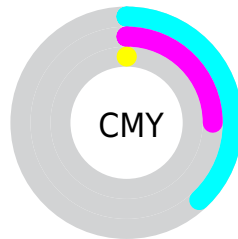
- Red (62%)
- Green (75%)
- Blue (100%)



- Red (62%)
- Yellow (72%)
- Blue (100%)



- Cyan (38%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.3150, 32.3827, -26.5863 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 189.3150, 32.3827, -26.5863 by changing the saturation by 10% instead.

■ 189.3150, 32.3827,
-26.5863

■ 189.3150, 32.3827,
-26.5863

■ 255.0000, 0.0000,
0.0000

■ 161.7880, 31.6565,
-27.0011

■ 239.2300, 7.7746,
-20.3727

■ 135.2610, 30.9303,
-27.4159

■ 252.0100, 1.4741,
-6.1478

■ 108.5490, 30.7883,
-28.5455

■ 82.7120, 30.2150,
-31.3194

■ 54.8850, 31.1157,
-40.2411

■ 36.4300, 27.8890,
-31.9491

■ 21.9540, 23.1937,

-19.2537

■ 7.5920, 18.9351,
-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 189.3150, 32.3827,
-26.5863

■ 189.3150, 32.3827,
-26.5863

■ 171.5620, 41.1349,
-33.8189

■ 207.0680, 23.6305,
-19.3536

■ 154.6950, 49.4504,
-40.9515

■ 223.9350, 15.3150,
-12.2210

■ 136.9420, 58.2026,
-48.1841

■ 241.6880, 6.5628,
-4.9884

■ 119.4880, 66.8074,
-54.8020

■ 255.0000, 0.0000,
0.0000

■ 101.7350, 75.5596,
-62.0346

■ 84.8680, 83.8751,
-69.1672

■ 80.7260, 85.9171,
-70.7967

Harmonies

Analogous

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



180.2630, 34.3803, -60.7437



189.3150, 32.3827, -26.5863



194.6570, 23.8331, 9.0708

Triad

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



189.3150, 32.3827, -26.5863



193.5800, -19.5129, 52.1113



180.0860, -7.4374, -41.2944

Complementary

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



189.3150, 32.3827, -26.5863



224.6850, -32.3827, 26.5863

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.



185.2610, -22.8067, -11.6299



189.3150, 32.3827, -26.5863



191.6740, -28.9263, 37.9969

Square

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



189.3150, 32.3827, -26.5863



195.0650, -4.9620, 51.6860



189.0750, -30.6030, 15.7202



174.5570, 11.5574, -67.1405

Rectangle

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



189.3150, 32.3827, -26.5863



195.9000, 15.3323, 29.0287



189.0750, -30.6030, 15.7202



181.6590, -13.1429, -31.2729

Sweetspot

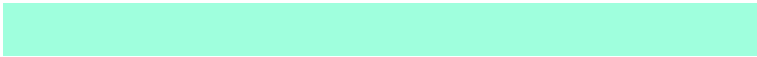
The Sweet Spot groups the original color and five complimentary colors.



189.3150, 32.3827, -26.5863



236.0620, 9.3364, -7.9474



222.4200, -0.7001, -55.6193



116.4600, 5.6892, -4.7884



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.



189.3150, 32.3827, -26.5863



176.5900, 38.6561, -32.0894



174.1300, 39.8689, -0.9910



118.8300, 4.5208, -3.3589



60.5160, 64.3286, -53.0725



20.2100, 21.5885, -17.7242

Inverse Universe

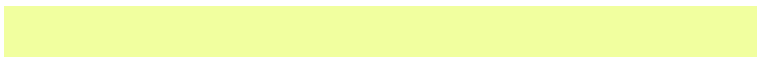
The Inverse Universe completely reimagines the original color for something new.



191.4660, 0.2633, 55.7193



178.9450, 0.5201, 66.7002



239.8700, -39.8689, 0.9910



119.3430, -0.1691, 7.5922



64.6330, 0.6739, 110.8239



21.6440, 0.1755, 37.1462

Previews

White Background



This preview shows how the YUV color 189.3150, 32.3827, -26.5863 looks on a white background.

Color Contrast Check

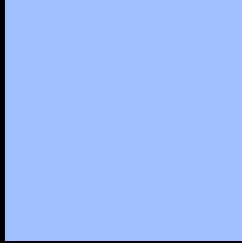
Large Text (above 18pt) WCAG AA × Fail

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 189.3150, 32.3827, -26.5863 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

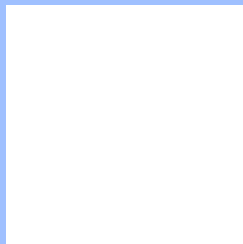
Any Text WCAG AAA ✓ Pass

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

YUV 189.3150, 32.3827, -26.5863 Background



This preview shows how black text looks on a background with the YUV color 189.3150, 32.3827, -26.5863.



This preview shows how white text looks on a background with the YUV color 189.3150, 32.3827, -26.5863.

-26.5863.

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

189.3150, 32.3827, -26.5863

Protanopia

191.3980, 29.8768, -16.1350

Deuteranopia

191.4520, 31.3292, -15.3054



Tritanopia

185.8740, 14.3591, -32.3385

Trichromacy



Original Color

189.3150, 32.3827, -26.5863

Protanomaly

190.6040, 30.7612, -19.8237

Deuteranomaly

190.5440, 31.7768, -18.8941

Tritanomaly

187.0190, 21.1896, -29.8347

Monochromacy



Original Color

189.3150, 32.3827, -26.5863

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.0340, 11.8152, -9.6768

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.3150, 32.3827, -26.5863 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(159, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(159, 192, 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(159, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 192, 255) }
```

Border

The CSS property to change the border of an element to YUV 189.3150, 32.3827, -26.5863 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(159, 192, 255) }
```


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

```
.border{ border-color:rgb(159, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(159, 192,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 189.3150, 32.3827, -26.5863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 192, 255) }
```

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

```
.background{ background-color: rgb(159,  
192, 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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