

Converting Colors

YUV(188.6260, 27.2994,
-29.4900)

Have a look what the booklet for
YUV(188.6260, 27.2994, -29.4900)
contains.

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Color

**YUV(188.6260, 27.2994,
-29.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	9BC3F4
RGB	155, 195, 244
RGB Percent	61%, 76%, 96%
CMY	0.3922, 0.2353, 0.0431
CMYK	0.36, 0.20, 0.00, 0.04
HSL	213°, 80%, 78%
HSV	213°, 36%, 96%
XYZ	49.3618, 52.5304, 93.1257
YIQ	188.6260, -39.5690, 6.7590

Conversions

Conversions Part 2

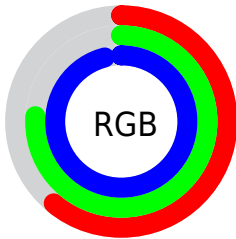
Format	Color
R_{YB}	155, 183, 244
Decimal	10208244
CIE _{Lab}	77.60, -1.53, -28.47
CIE _{LCh}	78, 28.512, 266.919
Yxy	52.5304, 0.2531, 0.2694
Android (android.graphics.Color)	4288398324 (0xFF9BC3F4)
YUV	188.6260, 27.2994, -29.4900
Hunter-Lab	72.4779, -5.2670, -25.4463

Details

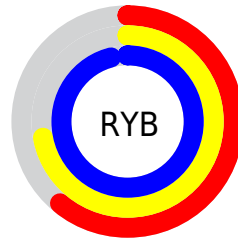
The YUV color **188.6260, 27.2994, -29.4900** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **210.3740, -27.2994, 29.4900**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.7950, 7.4961, -24.3762**, and **134.6860, 26.2838, -30.4196** is the 20% darker color. If you saturate the color by 10%, you get **173.8190, 34.5992, -37.5523**, and if you desaturate by 10%, it is **203.4330, 19.9995, -21.4277**.

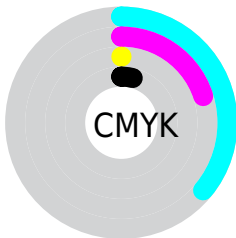
Distribution



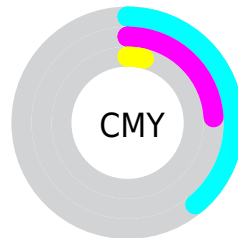
- Red (61%)
- Green (76%)
- Blue (96%)



- Red (61%)
- Yellow (72%)
- Blue (96%)



- Cyan (36%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (39%)
- Magenta (24%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.6260, 27.2994, -29.4900 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 188.6260, 27.2994, -29.4900 by changing the saturation by 10% instead.

■ 188.6260, 27.2994,
-29.4900

■ 188.6260, 27.2994,
-29.4900

■ 255.0000, 0.0000,
0.0000

■ 161.0990, 26.5732,
-29.9048

■ 239.7950, 7.4961,
-24.3762

■ 134.6860, 26.2838,
-30.4196

■ 250.8140, 2.0637,
-8.6069

■ 108.2730, 25.9944,
-30.9344

■ 82.7350, 25.2736,
-33.0936

■ 54.7340, 26.7531,
-40.9857

■ 36.5780, 23.3790,
-32.0789

■ 22.2160, 19.1205,

-19.4834

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 188.6260, 27.2994,
-29.4900

■ 188.6260, 27.2994,
-29.4900

■ 173.8190, 34.5992,
-37.5523

■ 203.4330, 19.9995,
-21.4277

■ 158.1260, 42.3359,
-45.7145

■ 219.1260, 12.2629,
-13.2655

■ 143.3190, 49.6357,
-53.7768

■ 233.9330, 4.9630,
-5.2032

■ 127.6260, 57.3724,
-61.9390

■ 249.6260, -2.7736,
2.9590

■ 112.8190, 64.6722,
-70.0013

■ 253.7460, -4.8048,
1.0998

■ 97.4250, 72.2615,
-77.5487

■ 92.3860, 74.7457,
-81.0225

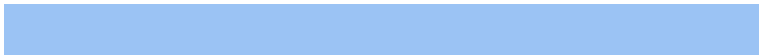
Harmonies

Analogous

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



182.1410, 26.0595, -51.8667



188.6260, 27.2994, -29.4900



193.8360, 22.2659, -1.6102

Triad

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



188.6260, 27.2994, -29.4900



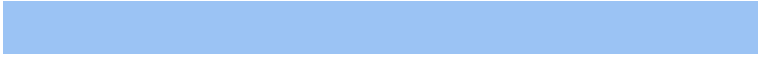
194.6590, -12.6499, 44.1491



183.9740, -10.8332, -25.4102

Complementary

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



188.6260, 27.2994, -29.4900



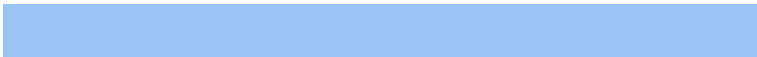
210.3740, -27.2994, 29.4900

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.



187.6690, -21.5288, -1.4637



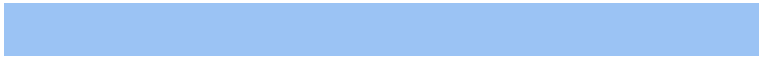
188.6260, 27.2994, -29.4900



192.7970, -22.0849, 37.0120

Square

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



188.6260, 27.2994, -29.4900



196.2530, -0.1247, 40.1201



190.7750, -25.5251, 20.3683



180.6260, 3.6354, -46.1530

Rectangle

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



188.6260, 27.2994, -29.4900



195.6380, 15.9545, 16.1035



190.7750, -25.5251, 20.3683



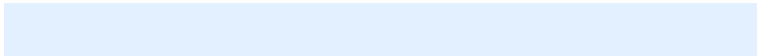
185.5790, -15.0754, -18.0478

Sweetspot

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



188.6260, 27.2994, -29.4900



237.8230, 8.4683, -9.4918



212.8290, -4.3527, -50.7160



117.0470, 5.3998, -5.3032



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.



188.6260, 27.2994, -29.4900



185.1180, 34.4518, -36.9375



166.3420, 38.2854, -6.4389



114.8900, 3.5052, -4.2885



70.5120, 56.9356, -61.8390



21.9880, 18.2469, -19.2835

Inverse Universe

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



186.1710, 4.3527, 50.7160



182.1880, 5.3303, 63.8561



232.6580, -38.2854, 6.4389



114.2720, 0.8519, 6.7775



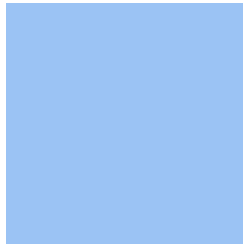
65.1900, 9.2733, 105.9504



20.6050, 2.6597, 33.6724

Previews

White Background



This preview shows how the YUV color 188.6260, 27.2994, -29.4900 looks on a white background.

Color Contrast Check

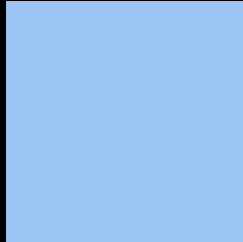
Large Text (above 18pt) WCAG AA × Fail

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 188.6260, 27.2994, -29.4900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

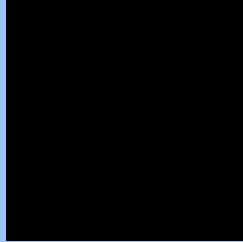
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

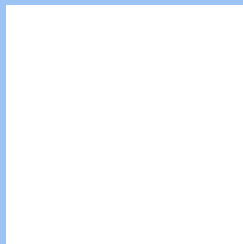
Any Text WCAG AAA ✓ Pass

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

YUV 188.6260, 27.2994, -29.4900 Background



This preview shows how black text looks on a background with the YUV color 188.6260, 27.2994, -29.4900.



This preview shows how white text looks on a background with the YUV color 188.6260, 27.2994, -29.4900.

-29.4900.

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

188.6260, 27.2994, -29.4900

Protanopia

191.8240, 23.7508, -11.2466

Deuteranopia

192.5190, 26.3661, -10.1022



Tritanopia

186.2760, 14.6539, -33.5681

Trichromacy



Original Color

188.6260, 27.2994, -29.4900

Protanomaly

190.4210, 24.9354, -17.9092

Deuteranomaly

191.4750, 26.3878, -17.0796

Tritanomaly

187.1390, 19.1585, -31.6939

Monochromacy



Original Color

188.6260, 27.2994, -29.4900

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.8660, 9.9261, -10.4065

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.6260, 27.2994, -29.4900 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(155, 195, 244)` looks like.

```
.text, #text, p{  
    color:rgb(155, 195, 244)  
}
```

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(155, 195, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 195, 244) }
```

Border

The CSS property to change the border of an element to YUV 188.6260, 27.2994, -29.4900 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

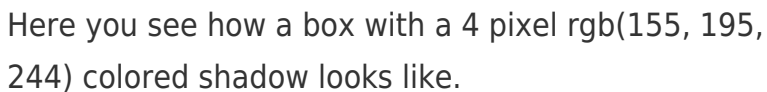
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 195, 244) }
```


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

```
.border{ border-color:rgb(155, 195, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 195, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 195, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 195, 244);  
box-shadow:4px 4px 4px 4px rgb(155, 195,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 188.6260, 27.2994, -29.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 195, 244) }
```

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

```
.background{ background-color: rgb(155,  
195, 244) }
```

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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