

Converting Colors

YUV(189.1100, 26.5678,
-28.1605)

Have a look what the booklet for
YUV(189.1100, 26.5678, -28.1605)
contains.

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Color

**YUV(189.1100, 26.5678,
-28.1605)**

Conversions

Conversions Part 1

Format	Color
Hex	9DC3F3
RGB	157, 195, 243
RGB Percent	62%, 76%, 95%
CMY	0.3843, 0.2353, 0.0471
CMYK	0.35, 0.20, 0.00, 0.05
HSL	213°, 78%, 78%
HSV	213°, 35%, 95%
XYZ	49.5974, 52.6694, 92.3462
YIQ	189.1100, -38.0560, 6.8720

Conversions

Conversions Part 2

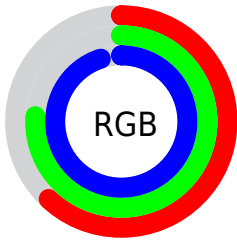
Format	Color
R _Y B	157, 183, 243
Decimal	10339315
CIE Lab	77.68, -1.25, -27.80
CIE LCh	78, 27.826, 267.426
Yxy	52.6694, 0.2549, 0.2706
Android (android.graphics.Color)	4288529395 (0xFF9DC3F3)
YUV	189.1100, 26.5678, -28.1605
Hunter-Lab	72.5737, -5.0157, -24.6418

Details

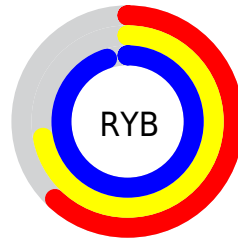
The YUV color **189.1100, 26.5678, -28.1605** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **210.8900, -26.5678, 28.1605**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3930, 7.2013, -23.1467**, and **135.1700, 25.5522, -29.0901** is the 20% darker color. If you saturate the color by 10%, you get **173.7160, 34.1570, -35.7079**, and if you desaturate by 10%, it is **204.5040, 18.9785, -20.6130**.

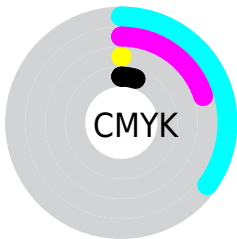
Distribution



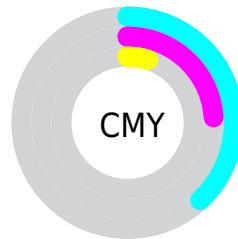
- Red (62%)
- Green (76%)
- Blue (95%)



- Red (62%)
- Yellow (72%)
- Blue (95%)



- Cyan (35%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)



- Cyan (38%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.1100, 26.5678, -28.1605 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 189.1100, 26.5678, -28.1605 by changing the saturation by 10% instead.

■ 189.1100, 26.5678,
-28.1605

■ 189.1100, 26.5678,
-28.1605

255.0000, 0.0000,
0.0000

■ 161.9960, 26.1310,
-28.0605

■ 240.3930, 7.2013,
-23.1467

■ 135.1700, 25.5522,
-29.0901

■ 251.4120, 1.7689,
-7.3773

■ 109.0560, 25.1154,
-28.9901

■ 83.5180, 24.3946,
-31.1493

■ 56.7130, 25.2845,
-36.5823

■ 36.4640, 22.9422,
-31.9789

■ 22.1020, 18.6837,

-19.3835

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 189.1100, 26.5678,
-28.1605

■ 189.1100, 26.5678,
-28.1605

■ 173.7160, 34.1570,
-35.7079

■ 204.5040, 18.9785,
-20.6130

■ 158.6100, 41.6043,
-44.3850

■ 219.6100, 11.5313,
-11.9360

■ 143.2160, 49.1935,
-51.9324

■ 235.0040, 3.9420,
-4.3885

■ 128.4090, 56.4934,
-59.9947

■ 249.8110, -3.3578,
3.6738

■ 113.0150, 64.0826,
-67.5422

■ 253.6320, -5.2416,
1.1997

■ 97.9090, 71.5299,
-76.2192

■ 90.5110, 75.1771,
-79.3781

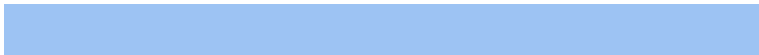
Harmonies

Analogous

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



183.0380, 25.6173, -50.0223



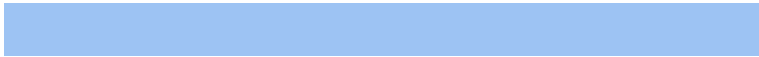
189.1100, 26.5678, -28.1605



194.0210, 21.6816, -0.8954

Triad

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



189.1100, 26.5678, -28.1605



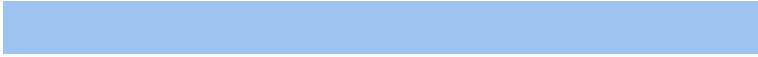
194.9470, -12.7919, 43.0195



184.3870, -10.5438, -24.8954

Complementary

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



189.1100, 26.5678, -28.1605



210.8900, -26.5678, 28.1605

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.



188.4840, -20.9446, -2.1785



189.1100, 26.5678, -28.1605



193.1990, -21.7901, 35.7825

Square

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



189.1100, 26.5678, -28.1605



195.8400, -0.4141, 39.6053



191.2910, -24.7935, 19.0388



181.0390, 3.9248, -45.6382

Rectangle

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



189.1100, 26.5678, -28.1605



195.5240, 15.5177, 16.2035



191.2910, -24.7935, 19.0388



185.9920, -14.7861, -17.5330

Sweetspot

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



189.1100, 26.5678, -28.1605



237.2360, 8.7577, -8.9770



212.8400, -4.3581, -48.9717



117.0470, 5.3998, -5.3032



0.0000, 0.0000, 0.0000



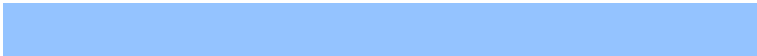
128.0000, 0.0000, 0.0000

Same Dimension

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



189.1100, 26.5678, -28.1605



187.7870, 33.1360, -34.8932



168.0000, 36.9750, -6.1390



114.8900, 3.5052, -4.2885



69.3380, 57.5144, -60.8094



21.9880, 18.2469, -19.2835

Inverse Universe

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



187.0460, 3.9213, 49.0717



185.3510, 4.7570, 61.0822



232.0000, -36.9750, 6.1390



114.2720, 0.8519, 6.7775



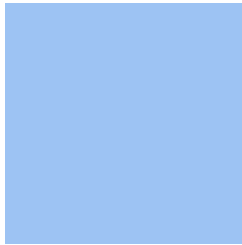
64.9620, 8.3997, 106.1503



20.6050, 2.6597, 33.6724

Previews

White Background



This preview shows how the YUV color 189.1100, 26.5678, -28.1605 looks on a white background.

Color Contrast Check

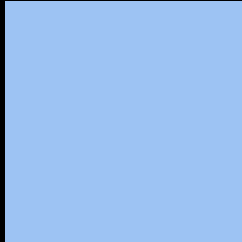
Large Text (above 18pt) WCAG AA × Fail

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 189.1100, 26.5678, -28.1605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

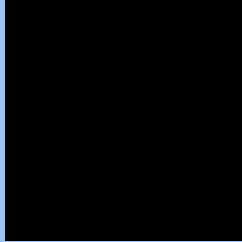
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

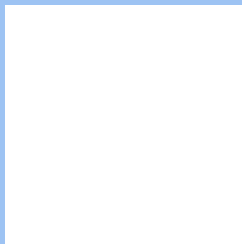
Any Text WCAG AAA ✓ Pass

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

YUV 189.1100, 26.5678, -28.1605 Background



This preview shows how black text looks on a background with the YUV color 189.1100, 26.5678, -28.1605.



This preview shows how white text looks on a background with the YUV color 189.1100, 26.5678, -28.1605.

-28.1605.

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

189.1100, 26.5678, -28.1605

Protanopia

191.7100, 23.3140, -11.1467

Deuteranopia

192.5900, 25.3451, -9.2874



Tritanopia

187.1730, 14.2117, -31.7237

Trichromacy



Original Color

189.1100, 26.5678, -28.1605

Protanomaly

190.6060, 24.3512, -17.1945

Deuteranomaly

191.6600, 25.8036, -16.3648

Tritanomaly

187.7370, 18.8637, -30.4643

Monochromacy



Original Color

189.1100, 26.5678, -28.1605

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 189.1100, 26.5678, -28.1605 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(157, 195, 243)` looks like.

```
.text, #text, p{  
    color:rgb(157, 195, 243)  
}
```

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(157, 195, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 195, 243) }
```

Border

The CSS property to change the border of an element to YUV 189.1100, 26.5678, -28.1605 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(157, 195, 243) }
```


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

```
.border{ border-color:rgb(157, 195, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 195, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 195, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 195, 243);  
box-shadow:4px 4px 4px 4px rgb(157, 195,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 189.1100, 26.5678, -28.1605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 195, 243) }
```

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

```
.background{ background-color: rgb(157,  
195, 243) }
```

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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