

Converting Colors

YUV(187.7930, 13.9061,
-27.0055)

Have a look what the booklet for
YUV(187.7930, 13.9061, -27.0055)
contains.

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Color

**YUV(187.7930, 13.9061,
-27.0055)**

Conversions

Conversions Part 1

Format	Color
Hex	9DC6D8
RGB	157, 198, 216
RGB Percent	62%, 78%, 85%
CMY	0.3843, 0.2235, 0.1529
CMYK	0.27, 0.08, 0.00, 0.15
HSL	198°, 43%, 73%
HSV	198°, 27%, 85%
XYZ	46.4934, 52.5141, 72.6515
YIQ	187.7930, -30.2140, -3.0940

Conversions

Conversions Part 2

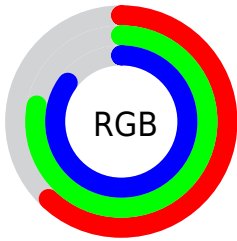
Format	Color
R_{YB}	157, 181, 216
Decimal	10340056
CIE _{Lab}	77.59, -9.43, -13.41
CIE _{LCh}	78, 16.394, 234.879
Yxy	52.5141, 0.2708, 0.3059
Android (android.graphics.Color)	4288530136 (0xFF9DC6D8)
YUV	187.7930, 13.9061, -27.0055
Hunter-Lab	72.4666, -12.2940, -8.7146

Details

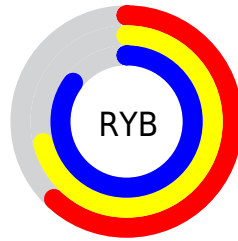
The YUV color **187.7930, 13.9061, -27.0055** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **185.2070, -13.9061, 27.0055**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.4420, 6.1911, -25.8206**, and **133.9780, 13.3218, -26.2907** is the 20% darker color. If you saturate the color by 10%, you get **177.1060, 19.1747, -36.9270**, and if you desaturate by 10%, it is **198.4800, 8.6374, -17.0840**.

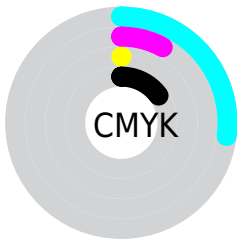
Distribution



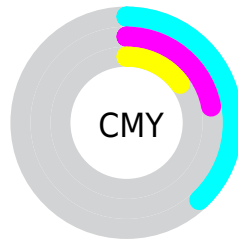
- Red (62%)
- Green (78%)
- Blue (85%)



- Red (62%)
- Yellow (71%)
- Blue (85%)



- Cyan (27%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (38%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.7930, 13.9061, -27.0055 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 187.7930, 13.9061, -27.0055 by changing the saturation by 10% instead.

■ 187.7930, 13.9061,
-27.0055

■ 187.7930, 13.9061,
-27.0055

255.0000, 0.0000,
0.0000

■ 160.6790, 13.4693,
-26.9055

■ 242.4420, 6.1911,
-25.8206

■ 133.9780, 13.3218,
-26.2907

■ 250.8140, 2.0637,
-8.6069

■ 108.5650, 13.0325,
-26.8055

■ 83.5650, 13.0325,
-26.8055

■ 59.1520, 12.7431,
-27.3203

■ 35.2440, 13.1907,
-30.9090

■ 20.4090, 9.6584,

-17.8987

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 187.7930, 13.9061,
-27.0055

■ 187.7930, 13.9061,
-27.0055

■ 177.1060, 19.1747,
-36.9270

■ 198.4800, 8.6374,
-17.0840

■ 167.3050, 24.0066,
-46.7485

■ 208.2810, 3.8055,
-7.2624

■ 156.6180, 29.2753,
-56.6700

■ 218.9680, -1.4632,
2.6591

■ 146.8170, 34.1072,
-66.4915

■ 228.7690, -6.2951,
12.4806

■ 136.1300, 39.3759,
-76.4130

■ 236.4660,
-10.0897, 16.2543

■ 125.4430, 44.6446,
-86.3345

■ 240.5750,
-12.1155, 12.6507

■ 115.6420, 49.4765,
-96.1560

■ 244.0970,
-13.8518, 9.5619

■ 112.6740, 50.9397,
-98.8151

■ 248.2060,
-15.8776, 5.9583

■ 250.5540,
-17.0351, 3.8991

Harmonies

Analogous

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



186.1040, 8.8227, -29.9092



187.7930, 13.9061, -27.0055



190.6140, 15.4733, -16.3245

Triad

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



187.7930, 13.9061, -27.0055



194.5560, 0.2189, 23.1914



189.9710, -12.8037, 0.0254

Complementary

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



187.7930, 13.9061, -27.0055



185.2070, -13.9061, 27.0055

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.



191.8910, -14.7363, 13.2506



187.7930, 13.9061, -27.0055



194.3300, -7.0647, 26.0206

Square

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



187.7930, 13.9061, -27.0055



194.3250, 7.2348, 12.8700



193.1140, -12.8742, 22.7020



187.7890, -6.7980, -12.9700

Rectangle

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



187.7930, 13.9061, -27.0055



192.0390, 14.2778, -6.1732



193.1140, -12.8742, 22.7020



190.3630, -13.9830, 4.9436

Sweetspot

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



187.7930, 13.9061, -27.0055



245.4980, 4.6845, -9.2067



193.6850, -9.2117, -32.1727



121.7650, 3.0739, -5.9329



0.0000, 0.0000, 0.0000



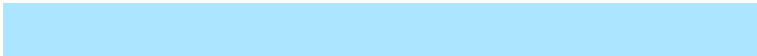
128.0000, 0.0000, 0.0000

Same Dimension

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



187.7930, 13.9061, -27.0055



214.6220, 19.9064, -38.2565



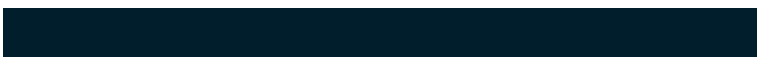
170.7700, 22.2984, -12.0763



101.9500, 2.4897, -5.2181



89.3470, 40.2549, -78.3573



22.5120, 10.1006, -19.7430

Inverse Universe

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



179.3150, 9.2117, 32.1727



202.7280, 12.9521, 45.8425



202.2300, -22.2984, 12.0763



100.2010, 1.8729, 5.9627



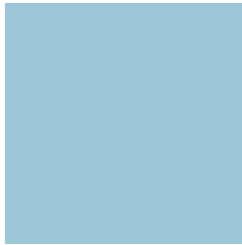
64.6950, 26.7724, 93.2295



16.2770, 6.7654, 23.4361

Previews

White Background



This preview shows how the YUV color 187.7930, 13.9061, -27.0055 looks on a white background.

Color Contrast Check

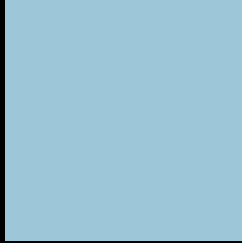
Large Text (above 18pt) WCAG AA × Fail

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 187.7930, 13.9061, -27.0055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

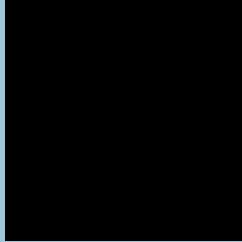
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.7930, 13.9061, -27.0055

Background



This preview shows how black text looks on a background with the YUV color 187.7930, 13.9061, -27.0055.



This preview shows how white text looks on a background with the YUV color 187.7930, 13.9061, -27.0055.

-27.0055.

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

187.7930, 13.9061, -27.0055

Protanopia

192.0950, 9.3202, -2.7143

Deuteranopia

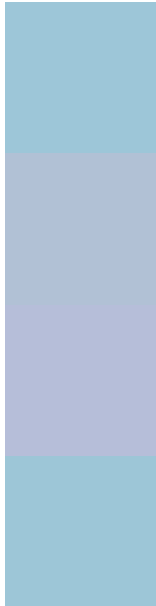
192.9370, 12.3561, 3.5633



Tritanopia

187.5650, 13.0325, -26.8055

Trichromacy



Original Color

187.7930, 13.9061, -27.0055

Protanomaly

190.4960, 11.0945, -11.8360

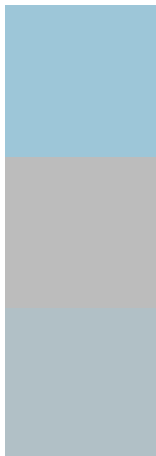
Deuteranomaly

190.6860, 12.9728, -7.6176

Tritanomaly

187.6790, 13.4693, -26.9055

Monochromacy



Original Color

187.7930, 13.9061, -27.0055

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1990, 4.8319, -9.8215

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.7930, 13.9061, -27.0055 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, 198, 216)` looks like.

```
.text, #text, p{  
    color:rgb(157, 198, 216)  
}
```

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, 198, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 198, 216) }
```

Border

The CSS property to change the border of an element to YUV 187.7930, 13.9061, -27.0055 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, 198, 216) }
```


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

```
.border{ border-color:rgb(157, 198, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 198, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 198, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 198, 216); box-shadow:4px 4px 4px 4px rgb(157, 198, 216) }
```

Background

The CSS property to change the background color of an element to YUV 187.7930, 13.9061, -27.0055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 198, 216) }
```

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

```
.background{ background-color: rgb(157,  
198, 216) }
```

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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