

Converting Colors

YUV(189.6030, 28.7897,
-40.8708)

Have a look what the booklet for
YUV(189.6030, 28.7897, -40.8708)
contains.

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Color

**YUV(189.6030, 28.7897,
-40.8708)**

Conversions

Conversions Part 1

Format	Color
Hex	8FCAF8
RGB	143, 202, 248
RGB Percent	56%, 79%, 97%
CMY	0.4392, 0.2078, 0.0275
CMYK	0.42, 0.19, 0.00, 0.03
HSL	206°, 88%, 77%
HSV	206°, 42%, 97%
XYZ	49.3915, 54.8580, 96.7924
YIQ	189.6030, -49.9300, 1.7980

Conversions

Conversions Part 2

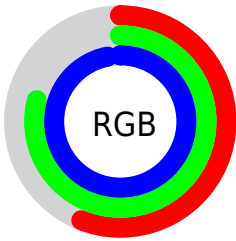
Format	Color
RYB	143, 181, 248
Decimal	9423608
CIELab	78.96, -7.32, -28.58
CIELCh	79, 29.505, 255.626
Yxy	54.8580, 0.2457, 0.2729
Android (android.graphics.Color)	4287613688 (0xFF8FCAF8)
YUV	189.6030, 28.7897, -40.8708
Hunter-Lab	74.0662, -10.5820, -25.6360

Details

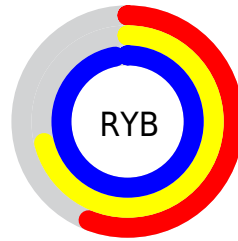
The YUV color **189.6030, 28.7897, -40.8708** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **201.3970, -28.7897, 40.8708**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5550, 8.1074, -33.8127**, and **134.6630, 27.7741, -41.8005** is the 20% darker color. If you saturate the color by 10%, you get **175.6710, 35.6582, -50.5775**, and if you desaturate by 10%, it is **203.5350, 21.9212, -31.1642**.

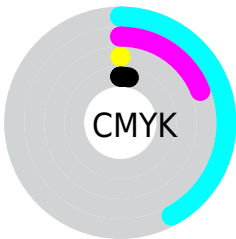
Distribution



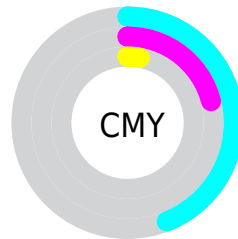
- Red (56%)
- Green (79%)
- Blue (97%)



- Red (56%)
- Yellow (71%)
- Blue (97%)



- Cyan (42%)
- Magenta (19%)
- Yellow (0%)
- Black (3%)



- Cyan (44%)
- Magenta (21%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.6030, 28.7897, -40.8708 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 189.6030, 28.7897, -40.8708 by changing the saturation by 10% instead.

■ 189.6030, 28.7897,
-40.8708

■ 189.6030, 28.7897,
-40.8708

■ 255.0000, 0.0000,
0.0000

■ 162.0760, 28.0635,
-41.2857

■ 238.5550, 8.1074,
-33.8127

■ 134.6630, 27.7741,
-41.8005

■ 247.5250, 3.6852,
-15.3694

■ 107.3530, 27.9270,
-44.1596

■ 79.5370, 28.8223,
-51.3369

■ 56.2060, 27.5064,
-49.2927

■ 39.9690, 23.6793,
-35.0528

■ 25.4930, 18.9840,

-22.3574

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 189.6030, 28.7897,
-40.8708

■ 189.6030, 28.7897,
-40.8708

■ 175.6710, 35.6582,
-50.5775

■ 203.5350, 21.9212,
-31.1642

■ 161.7390, 42.5267,
-60.2841

■ 217.4670, 15.0528,
-21.4576

■ 148.1060, 49.2477,
-69.3760

■ 231.1000, 8.3317,
-12.3657

■ 134.7610, 55.8268,
-79.5974

■ 244.4450, 1.7526,
-2.1443

■ 120.8290, 62.6953,
-89.3040

■ 254.2020, -3.0576,
0.6998

■ 109.8650, 68.1006,
-96.3516

Harmonies

Analogous

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



183.4560, 24.9182, -59.1589



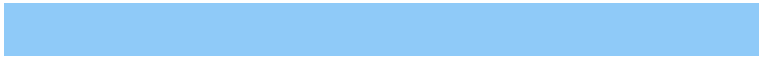
189.6030, 28.7897, -40.8708



195.9810, 25.6454, -12.2613

Triad

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



189.6030, 28.7897, -40.8708



199.1090, -8.4347, 45.5084



189.5360, -16.5332, -17.1331

Complementary

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



189.6030, 28.7897, -40.8708



201.3970, -28.7897, 40.8708

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.



192.5130, -24.9029, 7.4431



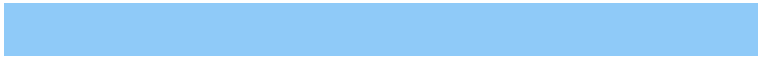
189.6030, 28.7897, -40.8708



197.6990, -20.0646, 42.3600

Square

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



189.6030, 28.7897, -40.8708



200.1970, 4.8329, 36.6612



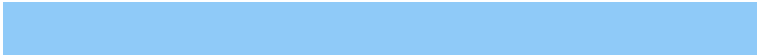
195.1180, -25.6942, 27.9605



185.4650, -2.2012, -40.7498

Rectangle

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



189.6030, 28.7897, -40.8708



198.7230, 20.3496, 6.3819



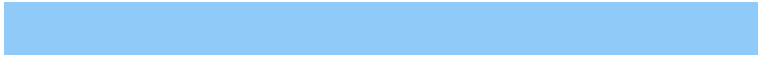
195.1180, -25.6942, 27.9605



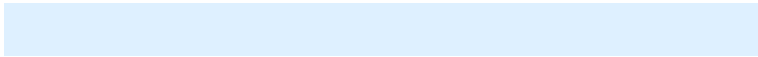
190.0810, -19.7599, -8.8410

Sweetspot

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



189.6030, 28.7897, -40.8708



236.3280, 9.2053, -12.5657



209.8790, -10.2933, -58.6529



116.4380, 5.7001, -8.2771



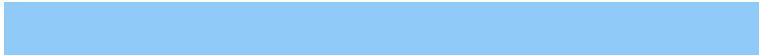
0.0000, 0.0000, 0.0000



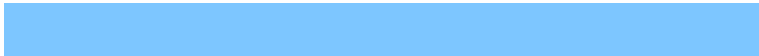
128.0000, 0.0000, 0.0000

Same Dimension

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



189.6030, 28.7897, -40.8708



182.6710, 35.6582, -50.5775



159.0790, 43.8381, -14.1013



117.5910, 3.6526, -4.9033



83.7680, 51.8794, -73.4645



26.9120, 16.8054, -23.6018

Inverse Universe

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



181.1210, 10.2933, 58.6529



172.1920, 12.7233, 72.6226



231.9210, -43.8381, 14.1013



116.6850, 1.1413, 7.2923



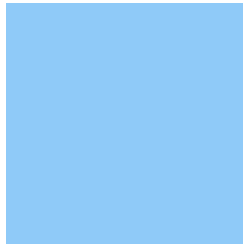
68.5950, 18.4407, 105.5952



22.1150, 5.8593, 34.1021

Previews

White Background



This preview shows how the YUV color 189.6030, 28.7897, -40.8708 looks on a white background.

Color Contrast Check

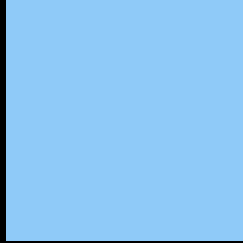
Large Text (above 18pt) WCAG AA × Fail

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 189.6030, 28.7897, -40.8708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

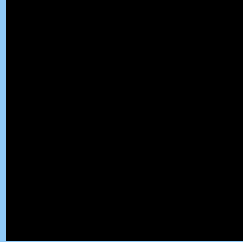
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

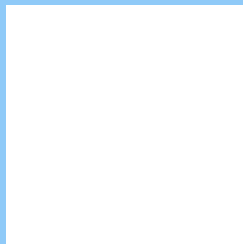
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 189.6030, 28.7897, -40.8708

Background



This preview shows how black text looks on a background with the YUV color 189.6030, 28.7897, -40.8708.



This preview shows how white text looks on a background with the YUV color 189.6030, 28.7897, -40.8708.

-40.8708.

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

189.6030, 28.7897, -40.8708

Protanopia

195.4820, 22.4404, -10.9467

Deuteranopia

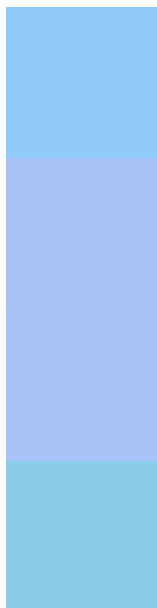
195.6330, 26.8029, -10.2021



Tritanopia

187.0080, 17.7441, -44.7340

Trichromacy



Original Color

189.6030, 28.7897, -40.8708

Protanomaly

193.1000, 25.0937, -22.0127

Deuteranomaly

193.3820, 27.4197, -21.3830

Tritanomaly

188.3440, 21.5224, -43.2747

Monochromacy



Original Color

189.6030, 28.7897, -40.8708

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.6590, 10.5211, -14.6099

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.6030, 28.7897, -40.8708 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(143, 202, 248)` looks like.

```
.text, #text, p{  
    color:rgb(143, 202, 248)  
}
```

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(143, 202, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 202, 248) }
```

Border

The CSS property to change the border of an element to YUV 189.6030, 28.7897, -40.8708 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(143, 202, 248) }
```


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

```
.border{ border-color:rgb(143, 202, 248) }
```

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

Here you see how a box with a 4 pixel rgb(143, 202, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 202, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 202, 248);  
box-shadow:4px 4px 4px 4px rgb(143, 202,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 189.6030, 28.7897, -40.8708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 202, 248) }
```

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

```
.background{ background-color: rgb(143,  
202, 248) }
```

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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