

Converting Colors

YUV(190.5550, 28.3204,
-30.3047)

Have a look what the booklet for
YUV(190.5550, 28.3204, -30.3047)
contains.

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Color

**YUV(190.5550, 28.3204,
-30.3047)**

Conversions

Conversions Part 1

Format	Color
Hex	9CC5F8
RGB	156, 197, 248
RGB Percent	61%, 77%, 97%
CMY	0.3882, 0.2275, 0.0275
CMYK	0.37, 0.21, 0.00, 0.03
HSL	213°, 87%, 79%
HSV	213°, 37%, 97%
XYZ	50.6198, 53.7777, 96.5191
YIQ	190.5550, -40.8070, 7.1690

Conversions

Conversions Part 2

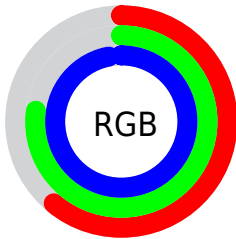
Format	Color
R _Y B	156, 184, 248
Decimal	10274296
CIE Lab	78.33, -1.31, -29.48
CIE LCh	78, 29.512, 267.446
Yxy	53.7777, 0.2519, 0.2677
Android (android.graphics.Color)	4288464376 (0xFF9CC5F8)
YUV	190.5550, 28.3204, -30.3047
Hunter-Lab	73.3333, -5.1200, -26.7024

Details

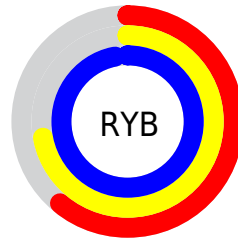
The YUV color **190.5550, 28.3204, -30.3047** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **213.4450, -28.3204, 30.3047**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.8550, 6.4805, -25.3058**, and **135.9140, 27.1574, -30.6196** is the 20% darker color. If you saturate the color by 10%, you get **174.8620, 36.0570, -38.4670**, and if you desaturate by 10%, it is **206.2480, 20.5837, -22.1425**.

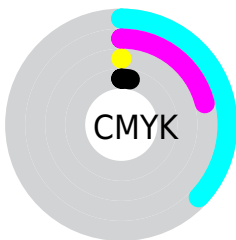
Distribution



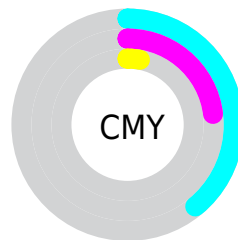
- Red (61%)
- Green (77%)
- Blue (97%)



- Red (61%)
- Yellow (72%)
- Blue (97%)



- Cyan (37%)
- Magenta (21%)
- Yellow (0%)
- Black (3%)



- Cyan (39%)
- Magenta (23%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.5550, 28.3204, -30.3047 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 190.5550, 28.3204, -30.3047 by changing the saturation by 10% instead.

■ 190.5550, 28.3204,
-30.3047

■ 190.5550, 28.3204,
-30.3047

255.0000, 0.0000,
0.0000

■ 163.0280, 27.5942,
-30.7196

■ 241.8550, 6.4805,
-25.3058

■ 135.9140, 27.1574,
-30.6196

■ 251.1130, 1.9163,
-7.9921

■ 110.0880, 26.5786,
-31.6492

■ 83.7780, 26.7314,
-34.0083

■ 55.6520, 27.7796,
-43.5448

■ 38.0940, 24.1107,
-33.4084

■ 23.1450, 20.1415,

-20.2982

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 190.5550, 28.3204,
-30.3047

■ 190.5550, 28.3204,
-30.3047

■ 174.8620, 36.0570,
-38.4670

■ 206.2480, 20.5837,
-22.1425

■ 159.7560, 43.5043,
-47.1440

■ 221.3540, 13.1365,
-13.4655

■ 144.3620, 51.0935,
-54.6915

■ 236.7480, 5.5472,
-5.9180

■ 128.6690, 58.8302,
-62.8537

■ 252.4410, -2.1894,
2.2442

■ 112.9760, 66.5668,
-71.0160

■ 254.2020, -3.0576,
0.6998

■ 97.8700, 74.0141,
-79.6930

■ 93.4290, 76.2035,
-81.9372

Harmonies

Analogous

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



183.4720, 27.3753, -53.9109



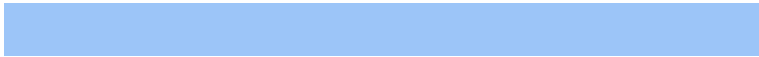
190.5550, 28.3204, -30.3047



196.2490, 22.5552, -1.0954

Triad

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



190.5550, 28.3204, -30.3047



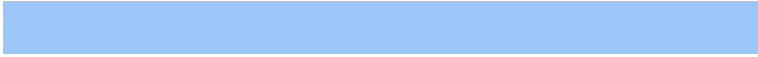
196.5560, -13.0921, 45.9934



185.8490, -11.2646, -27.0546

Complementary

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



190.5550, 28.3204, -30.3047



213.4450, -28.3204, 30.3047

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.



189.8430, -22.1076, -2.4933



190.5550, 28.3204, -30.3047



194.9820, -22.6691, 37.7268

Square

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



190.5550, 28.3204, -30.3047



198.1500, -0.5670, 41.9644



192.5470, -26.3987, 20.5683



182.0170, 3.9356, -49.1269

Rectangle

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



190.5550, 28.3204, -30.3047



197.4640, 16.5332, 17.1331



192.5470, -26.3987, 20.5683



187.1660, -15.3648, -18.5626

Sweetspot

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



190.5550, 28.3204, -30.3047



237.2360, 8.7577, -8.9770



215.8180, -4.3473, -52.4604



117.0470, 5.3998, -5.3032



0.0000, 0.0000, 0.0000



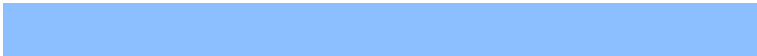
128.0000, 0.0000, 0.0000

Same Dimension

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



190.5550, 28.3204, -30.3047



183.0470, 35.4728, -37.7522



167.9830, 39.4484, -6.1241



117.0040, 3.9420, -4.3885



70.8540, 58.2460, -62.1390



22.8030, 18.8311, -19.9982

Inverse Universe

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



188.1820, 4.3473, 52.4604



180.1990, 5.3249, 65.6005



236.0170, -39.4484, 6.1241



116.5710, 0.7045, 7.3922



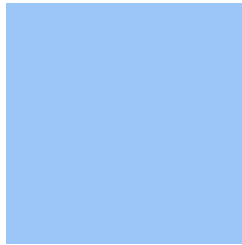
66.0870, 8.8311, 107.7947



21.3170, 2.8017, 34.8020

Previews

White Background



This preview shows how the YUV color 190.5550, 28.3204, -30.3047 looks on a white background.

Color Contrast Check

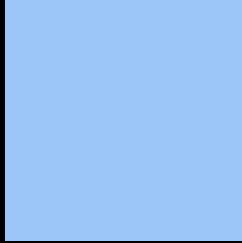
Large Text (above 18pt) WCAG AA × Fail

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 190.5550, 28.3204, -30.3047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

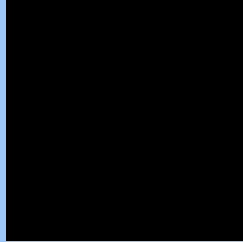
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

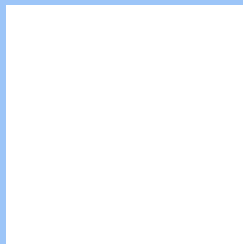
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 190.5550, 28.3204, -30.3047

Background



This preview shows how black text looks on a background with the YUV color 190.5550, 28.3204, -30.3047.



This preview shows how white text looks on a background with the YUV color 190.5550, 28.3204, -30.3047.

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

190.5550, 28.3204, -30.3047

Protanopia

193.7530, 24.7718, -12.0614

Deuteranopia

194.4480, 27.3871, -10.9169



Tritanopia

187.9770, 14.8013, -34.1828

Trichromacy



Original Color

190.5550, 28.3204, -30.3047

Protanomaly

192.3500, 25.9565, -18.7239

Deuteranomaly

193.4040, 27.4088, -17.8943

Tritanomaly

188.9540, 19.7427, -32.4087

Monochromacy



Original Color

190.5550, 28.3204, -30.3047

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.6810, 10.5103, -11.1212

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.5550, 28.3204, -30.3047 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(156, 197, 248)` looks like.

```
.text, #text, p{  
    color:rgb(156, 197, 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(156, 197, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 197, 248) }
```

Border

The CSS property to change the border of an element to YUV 190.5550, 28.3204, -30.3047 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(156, 197, 248) }
```


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

```
.border{ border-color:rgb(156, 197, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 197, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 197, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 197, 248);  
box-shadow:4px 4px 4px 4px rgb(156, 197,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 190.5550, 28.3204, -30.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 197, 248) }
```

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

```
.background{ background-color: rgb(156,  
197, 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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