

Converting Colors

YUV(197.2010, 28.4949,
-39.6413)

Have a look what the booklet for
YUV(197.2010, 28.4949, -39.6413)
contains.

YUV(197.2010, 28.4949, -39.6413)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(197.2010, 28.4949,
-39.6413)**

Conversions

Conversions Part 1

Format	Color
Hex	98D1FF
RGB	152, 209, 255
RGB Percent	60%, 82%, 100%
CMY	0.4039, 0.1804, 0.0000
CMYK	0.40, 0.18, 0.00, 0.00
HSL	207°, 100%, 80%
HSV	207°, 40%, 100%
XYZ	53.7994, 59.4963, 103.2562
YIQ	197.2010, -48.7380, 2.2220

Conversions

Conversions Part 2

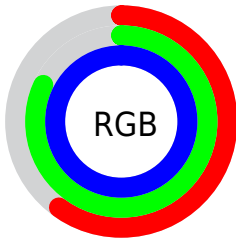
Format	Color
R _Y B	152, 189, 255
Decimal	10015231
CIE Lab	81.56, -6.93, -28.28
CIE LCh	82, 29.117, 256.230
Yxy	59.4963, 0.2484, 0.2747
Android (android.graphics.Color)	4288205311 (0xFF98D1FF)
YUV	197.2010, 28.4949, -39.6413
Hunter-Lab	77.1339, -10.4840, -25.3756

Details

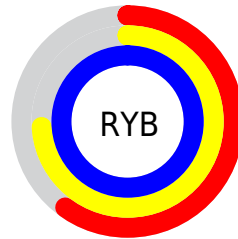
The YUV color **197.2010, 28.4949, -39.6413** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **209.7990, -28.4949, 39.6413**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.2460, 6.7807, -28.2797**, and **142.2610, 27.4793, -40.5709** is the 20% darker color. If you saturate the color by 10%, you get **183.2690, 35.3634, -49.3479**, and if you desaturate by 10%, it is **211.4320, 21.4790, -29.3199**.

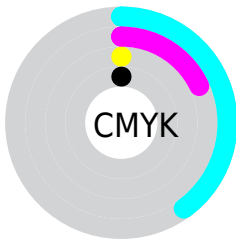
Distribution



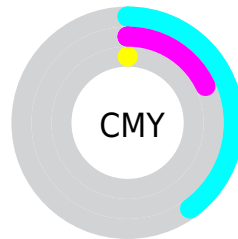
- Red (60%)
- Green (82%)
- Blue (100%)



- Red (60%)
- Yellow (74%)
- Blue (100%)



- Cyan (40%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.2010, 28.4949, -39.6413 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 197.2010, 28.4949, -39.6413 by changing the saturation by 10% instead.

■ 197.2010, 28.4949,
-39.6413

■ 197.2010, 28.4949,
-39.6413

255.0000, 0.0000,
0.0000

■ 169.0870, 28.0581,
-39.5413

■ 241.2460, 6.7807,
-28.2797

■ 142.2610, 27.4793,
-40.5709

■ 250.2160, 2.3585,
-9.8364

■ 115.2500, 27.4847,
-42.3152

■ 87.9290, 27.6430,
-46.4187

■ 60.4120, 28.3909,
-52.9813

■ 44.0610, 24.1269,
-38.6415

■ 29.1120, 20.1578,

-25.5312

■ 13.5760, 16.4780,
-11.9062

■ 3.5510, 11.0674,
-3.1142

■ 197.2010, 28.4949,
-39.6413

■ 197.2010, 28.4949,
-39.6413

■ 183.2690, 35.3634,
-49.3479

■ 211.4320, 21.4790,
-29.3199

■ 168.4510, 42.6687,
-59.1545

■ 225.9510, 14.3212,
-20.1280

■ 154.5190, 49.5371,
-68.8612

■ 240.1820, 7.3053,
-9.8066

■ 139.7010, 56.8424,
-78.6678

■ 254.7010, 0.1474,
-0.6148

■ 125.4700, 63.8583, 255.0000, 0.0000,
-88.9892 0.0000

■ 111.8370, 70.5794,
-98.0810

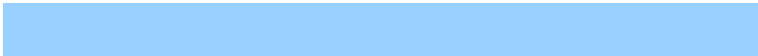
Harmonies

Analogous

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



191.3530, 24.4760, -57.3146



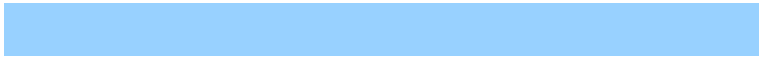
197.2010, 28.4949, -39.6413



203.2800, 25.4980, -11.6466

Triad

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



197.2010, 28.4949, -39.6413



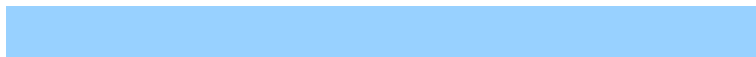
205.2120, -7.9925, 43.6641



196.3510, -15.9490, -17.8478

Complementary

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



197.2010, 28.4949, -39.6413



209.7990, -28.4949, 39.6413

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.



199.9150, -24.6081, 6.2135



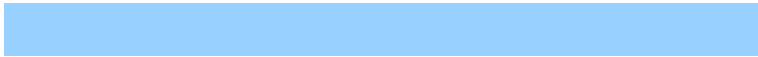
197.2010, 28.4949, -39.6413



204.4000, -19.9172, 41.7452

Square

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



197.2010, 28.4949, -39.6413



207.0830, 4.3961, 36.7612



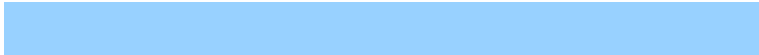
202.7050, -25.9836, 27.4457



192.5790, -1.7644, -40.8498

Rectangle

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



197.2010, 28.4949, -39.6413



206.0220, 20.2022, 6.9967



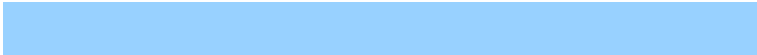
202.7050, -25.9836, 27.4457



197.7820, -19.6125, -9.4558

Sweetspot

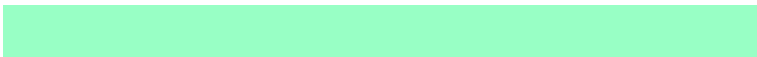
The Sweet Spot groups the original color and five complimentary colors.



197.2010, 28.4949, -39.6413



237.5130, 8.6211, -11.8509



217.5910, -10.1514, -57.5233



117.9220, 4.9685, -6.9476



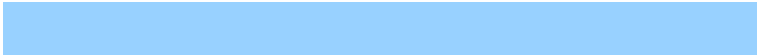
0.0000, 0.0000, 0.0000



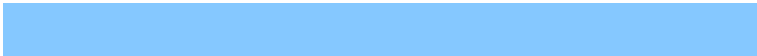
128.0000, 0.0000, 0.0000

Same Dimension

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



197.2010, 28.4949, -39.6413



186.2370, 33.9002, -46.6888



167.8510, 42.9645, -13.9013



120.5910, 3.6526, -4.9033



83.9960, 52.7530, -73.6645



27.8410, 17.8264, -24.4166

Inverse Universe

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



189.2950, 9.7146, 57.6233



177.1160, 11.2818, 68.3043



239.1490, -42.9645, 13.9013



119.6850, 1.1413, 7.2923



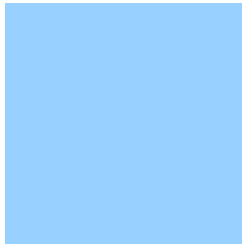
69.1930, 18.1459, 106.8247



23.1260, 5.8539, 35.8465

Previews

White Background



This preview shows how the YUV color 197.2010, 28.4949, -39.6413 looks on a white background.

Color Contrast Check

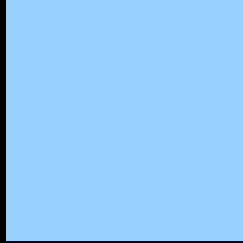
Large Text (above 18pt) WCAG AA × Fail

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 197.2010, 28.4949, -39.6413 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

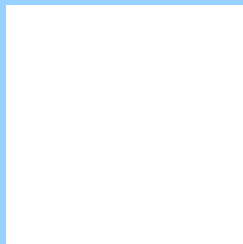
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 197.2010, 28.4949, -39.6413

Background



This preview shows how black text looks on a background with the YUV color 197.2010, 28.4949, -39.6413.



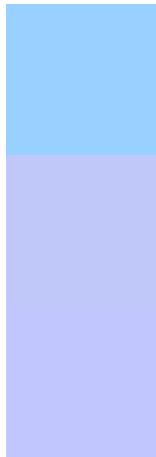
This preview shows how white text looks on a background with the YUV color 197.2010, 28.4949, -39.6413.

-39.6413.

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

197.2010, 28.4949, -39.6413

Protanopia

202.8950, 22.7298, -10.4319

Deuteranopia

203.0030, 25.6345, -8.7726



Tritanopia

194.6060, 17.4492, -43.5045

Trichromacy



Original Color

197.2010, 28.4949, -39.6413

Protanomaly

200.6980, 24.7989, -20.7831

Deuteranomaly

200.8660, 26.6881, -20.0535

Tritanomaly

195.9420, 21.2276, -42.0451

Monochromacy



Original Color

197.2010, 28.4949, -39.6413

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.9580, 10.3737, -13.9952

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.2010, 28.4949, -39.6413 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(152, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 209, 255)  
}
```

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(152, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 209, 255) }
```

Border

The CSS property to change the border of an element to YUV 197.2010, 28.4949, -39.6413 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(152, 209, 255) }
```


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

```
.border{ border-color:rgb(152, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(152, 209,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 197.2010, 28.4949, -39.6413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 209, 255) }
```

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

```
.background{ background-color: rgb(152,  
209, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor