

Converting Colors

YUV(191.6410, 31.2360,
-32.1342)

Have a look what the booklet for
YUV(191.6410, 31.2360, -32.1342)
contains.

YUV(191.6410, 31.2360, -32.1342)	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(191.6410, 31.2360,
-32.1342)**

Conversions

Conversions Part 1

Format	Color
Hex	9BC6FF
RGB	155, 198, 255
RGB Percent	61%, 78%, 100%
CMY	0.3922, 0.2235, 0.0000
CMYK	0.39, 0.22, 0.00, 0.00
HSL	214°, 100%, 80%
HSV	214°, 39%, 100%
XYZ	51.7617, 54.5767, 102.4140
YIQ	191.6410, -43.9250, 8.6110

Conversions

Conversions Part 2

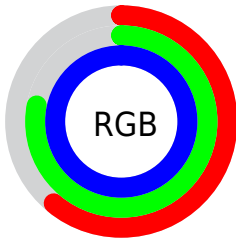
Format	Color
R _Y B	155, 185, 255
Decimal	10209023
CIE Lab	78.80, -0.29, -32.52
CIE LCh	79, 32.517, 269.482
Yxy	54.5767, 0.2480, 0.2614
Android (android.graphics.Color)	4288399103 (0xFF9BC6FF)
YUV	191.6410, 31.2360, -32.1342
Hunter-Lab	73.8761, -4.2162, -30.4801

Details

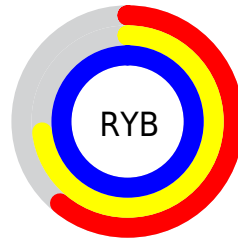
The YUV color **191.6410, 31.2360, -32.1342** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **218.3590, -31.2360, 32.1342**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.1430, 6.3385, -26.4354**, and **136.7010, 30.2204, -33.0638** is the 20% darker color. If you saturate the color by 10%, you get **175.3610, 39.2620, -39.7816**, and if you desaturate by 10%, it is **207.9210, 23.2099, -24.4867**.

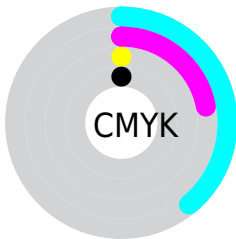
Distribution



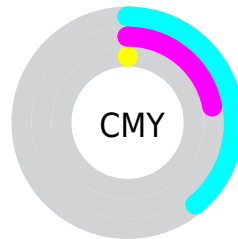
- Red (61%)
- Green (78%)
- Blue (100%)



- Red (61%)
- Yellow (73%)
- Blue (100%)



- Cyan (39%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.6410, 31.2360, -32.1342 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 191.6410, 31.2360, -32.1342 by changing the saturation by 10% instead.

■ 191.6410, 31.2360,
-32.1342

■ 191.6410, 31.2360,
-32.1342

255.0000, 0.0000,
0.0000

■ 164.1140, 30.5098,
-32.5490

■ 242.1430, 6.3385,
-26.4354

■ 136.7010, 30.2204,
-33.0638

■ 251.1130, 1.9163,
-7.9921

■ 110.5760, 29.7890,
-34.7082

■ 83.8530, 29.6525,
-37.5821

■ 55.1290, 30.9954,
-48.3481

■ 39.3650, 26.4421,
-34.5231

■ 24.3020, 22.0361,

-21.3129

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 191.6410, 31.2360,
-32.1342

■ 191.6410, 31.2360,
-32.1342

■ 175.3610, 39.2620,
-39.7816

■ 207.9210, 23.2099,
-24.4867

■ 159.3690, 47.1461,
-48.5586

■ 223.9130, 15.3259,
-15.7097

■ 143.0890, 55.1721,
-56.2061

■ 240.4920, 7.1524,
-7.4475

■ 127.0970, 63.0562,
-64.9831

■ 255.0000, 0.0000,
0.0000

■ 110.5180, 71.2296,
-73.2453

■ 94.8250, 78.9663,
-81.4075

■ 93.6400, 79.5505,
-82.1223

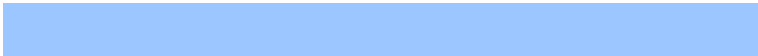
Harmonies

Analogous

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



183.3510, 30.8860, -59.9438



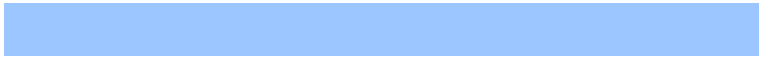
191.6410, 31.2360, -32.1342



197.5420, 24.8758, 1.2787

Triad

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



191.6410, 31.2360, -32.1342



198.0080, -15.2869, 49.9820



186.1150, -11.3957, -31.6729

Complementary

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



191.6410, 31.2360, -32.1342



218.3590, -31.2360, 32.1342

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.



190.0770, -23.7020, -4.4525



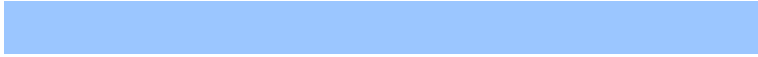
191.6410, 31.2360, -32.1342



196.1950, -25.7321, 40.1710

Square

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



191.6410, 31.2360, -32.1342



199.6560, -1.3094, 46.7827



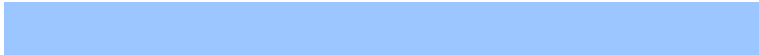
193.5640, -28.8721, 20.5534



181.4290, 5.7045, -56.5042

Rectangle

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



191.6410, 31.2360, -32.1342



199.7140, 17.3960, 20.4218



193.5640, -28.8721, 20.5534



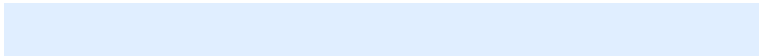
187.6170, -16.0802, -22.4661

Sweetspot

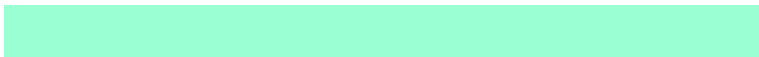
The Sweet Spot groups the original color and five complimentary colors.



191.6410, 31.2360, -32.1342



235.7520, 9.4893, -10.3065



220.1980, -4.0416, -57.1786



116.1610, 5.8366, -5.4032



0.0000, 0.0000, 0.0000



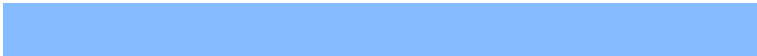
128.0000, 0.0000, 0.0000

Same Dimension

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



191.6410, 31.2360, -32.1342



179.2040, 37.3674, -38.7669



168.4930, 42.6480, -5.6944



119.4170, 4.2314, -3.8737



69.9080, 59.6984, -61.3093



23.1450, 20.1415, -20.2982

Inverse Universe

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



189.8020, 4.0416, 57.1786



176.8080, 5.0247, 68.5744



241.5070, -42.6480, 5.6944



119.4570, 0.2677, 7.4922



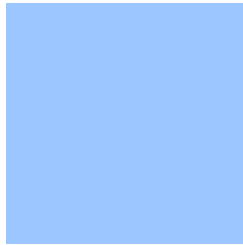
66.4570, 7.6627, 109.2242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 191.6410, 31.2360, -32.1342 looks on a white background.

Color Contrast Check

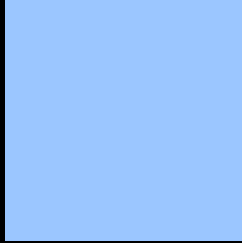
Large Text (above 18pt) WCAG AA × Fail

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 191.6410, 31.2360, -32.1342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

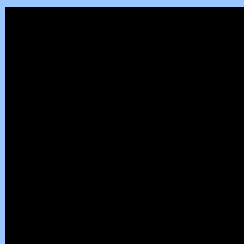
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

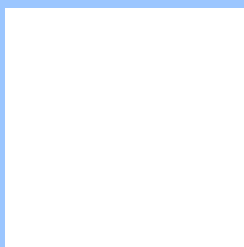
Any Text WCAG AAA ✓ Pass

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

YUV 191.6410, 31.2360, -32.1342 Background



This preview shows how black text looks on a background with the YUV color 191.6410, 31.2360, -32.1342.



This preview shows how white text looks on a background with the YUV color 191.6410, 31.2360, -32.1342.

-32.1342.

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

191.6410, 31.2360, -32.1342

Protanopia

194.8390, 27.6874, -13.8908

Deuteranopia

195.0070, 29.5765, -13.1611



Tritanopia

188.5960, 15.9752, -37.3567

Trichromacy



Original Color

191.6410, 31.2360, -32.1342

Protanomaly

193.4360, 28.8721, -20.5534

Deuteranomaly

194.0770, 30.0350, -20.2385

Tritanomaly

189.6870, 21.3533, -35.6825

Monochromacy



Original Color

191.6410, 31.2360, -32.1342

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.9090, 11.3839, -11.3212

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.6410, 31.2360, -32.1342 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(155, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(155, 198, 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(155, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 198, 255) }
```

Border

The CSS property to change the border of an element to YUV 191.6410, 31.2360, -32.1342 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(155, 198, 255) }
```


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

```
.border{ border-color:rgb(155, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(155, 198,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 191.6410, 31.2360, -32.1342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 198, 255) }
```

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

```
.background{ background-color: rgb(155,  
198, 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