

Converting Colors

YUV(193.6410, -6.2320,
-101.4172)

Have a look what the booklet for
YUV(193.6410, -6.2320, -101.4172)
contains.

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Color

**YUV(193.6410, -6.2320,
-101.4172)**

Conversions

Conversions Part 1

Format	Color
Hex	4EFFB5
RGB	78, 255, 181
RGB Percent	31%, 100%, 71%
CMY	0.6941, 0.0000, 0.2902
CMYK	0.69, 0.00, 0.29, 0.00
HSL	155°, 100%, 65%
HSV	155°, 69%, 100%
XYZ	47.2424, 76.4759, 55.9875
YIQ	193.6410, -81.7380, -60.5380

Conversions

Conversions Part 2

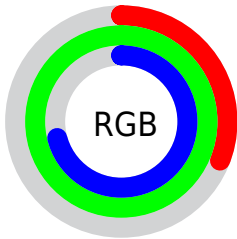
Format	Color
RYB	78, 190, 255
Decimal	5177269
CIELab	90.08, -61.17, 22.67
CIELCh	90, 65.239, 159.668
Yxy	76.4759, 0.2629, 0.4256
Android (android.graphics.Color)	4283367349 (0xFF4EFFB5)
YUV	193.6410, -6.2320, -101.4172
Hunter-Lab	87.4505, -56.6094, 23.2568

Details

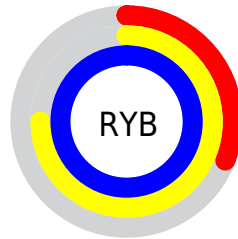
The YUV color **193.6410, -6.2320, -101.4172** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **139.3590, 6.2320, 101.4172**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3570, 8.2050, -65.2111**, and **130.2310, -1.0999, -114.2126** is the 20% darker color. If you saturate the color by 10%, you get **184.9120, -7.3516, -115.6868**, and if you desaturate by 10%, it is **202.6690, -5.2598, -86.5327**.

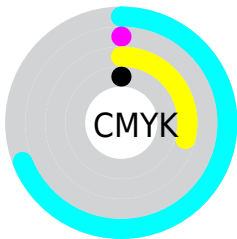
Distribution



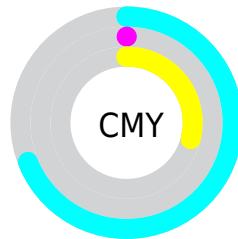
- Red (31%)
- Green (100%)
- Blue (71%)



- Red (31%)
- Yellow (75%)
- Blue (100%)



- Cyan (69%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (69%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.6410, -6.2320, -101.4172 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 193.6410, -6.2320, -101.4172 by changing the saturation by 10% instead.

193.6410, -6.2320,
-101.4172

193.6410, -6.2320,
-101.4172

255.0000, 0.0000,
0.0000

158.5900, -2.2629,
-114.5274

220.3570, 8.2050,
-65.2111

130.2310, -1.0999,
-114.2126

231.9770, 11.3503,
-47.3378

110.9450, -3.9169,
-97.2988

241.2460, 6.7807,
-28.2797

92.2460, -7.0233,
-80.8997

250.8140, 2.0637,
-8.6069

73.7750, -9.2561,
-64.7007

55.8910, -11.7783,
-49.0164

38.7080, -14.1530,

-33.9469

■ 23.4800, -11.5756,
-20.5920

■ 0.5870, -0.2894,
-0.5148

■ 193.6410, -6.2320,
-101.4172

■ 193.6410, -6.2320,
-101.4172

■ 184.9120, -7.3516,
-115.6868

■ 202.6690, -5.2598,
-86.5327

■ 175.9980, -7.8870,
-130.6712

■ 211.2840, -4.5770,
-72.1631

■ 167.2690, -9.0066,
-144.9409

■ 220.3120, -3.6048,
-57.2786

■ 166.5570, -9.1486,
-146.0705

■ 229.0410, -2.4852,
-43.0090

■ 237.9550, -1.9498,
-28.0245

■ 246.6840, -0.8302,
-13.7549

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



211.3900, -42.0973, -31.0370



193.6410, -6.2320, -101.4172



177.7290, 33.6576, -155.8683

Triad

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



193.6410, -6.2320, -101.4172



208.0770, 23.1330, -46.5485



201.9400, -25.6064, 46.5336

Complementary

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



193.6410, -6.2320, -101.4172



139.3590, 6.2320, 101.4172

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.



201.6220, 3.6374, 46.8125



193.6410, -6.2320, -101.4172



223.8890, 15.3377, 27.2843

Square

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



193.6410, -6.2320, -101.4172



172.8850, 40.4827, -151.6201



210.9750, 21.7043, 38.6099



210.6530, -50.6079, 38.8923

Rectangle

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



193.6410, -6.2320, -101.4172



178.7550, 37.5888, -156.7681



210.9750, 21.7043, 38.6099



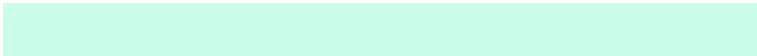
201.0570, -16.2971, 47.3080

Sweetspot

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



193.6410, -6.2320, -101.4172



236.3460, -1.6496, -30.9984



204.9220, -62.5725, -43.7816



116.8360, -1.3981, -18.2732



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.



193.6410, -6.2320, -101.4172



181.5800, -7.1879, -121.5347



195.0330, 29.5637, -102.6379



123.4290, -0.7045, -7.3922



124.7710, -6.7891, -109.4242



41.7860, -2.3595, -36.6463

Inverse Universe

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



139.3590, 6.2320, 101.4172



116.5340, 7.6247, 121.4347



137.9670, -29.5637, 102.6379



119.4570, 0.2677, 7.4922



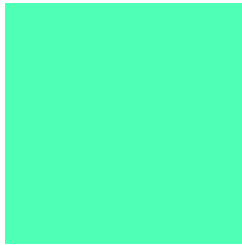
66.2290, 6.7891, 109.4242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 193.6410, -6.2320, -101.4172 looks on a white background.

Color Contrast Check

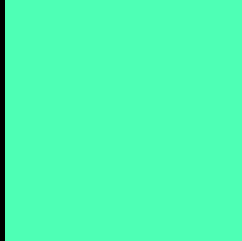
Large Text (above 18pt) WCAG AA × Fail

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 193.6410, -6.2320, -101.4172 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 193.6410, -6.2320, -101.4172 Background



This preview shows how black text looks on a background with the YUV color 193.6410, -6.2320, -101.4172.



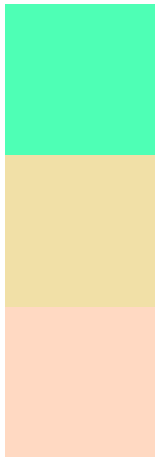
This preview shows how white text looks on a background with the YUV color 193.6410, -6.2320, -101.4172.

-101.4172.

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

193.6410, -6.2320, -101.4172

Protanopia

222.5850, -27.4034, 16.1500

Deuteranopia

225.7400, -15.6478, 25.6610



Tritanopia

214.8000, 19.8186, -56.8296

Trichromacy



Original Color

193.6410, -6.2320, -101.4172



Protanomaly

211.9710, -19.7057, -26.2846



Deuteranomaly

214.2520, -12.4492, -20.3920



Tritanomaly

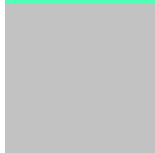
206.8830, 10.4107, -72.6884

Monochromacy



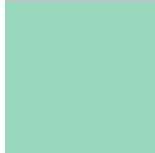
Original Color

193.6410, -6.2320, -101.4172



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

193.7860, -2.3595, -36.6463

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.6410, -6.2320, -101.4172 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(78, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(78, 255, 181)  
}
```

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(78, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 255, 181) }
```

Border

The CSS property to change the border of an element to YUV 193.6410, -6.2320, -101.4172 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(78, 255, 181) }
```


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

```
.border{ border-color:rgb(78, 255, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 255, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(78, 255,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 193.6410, -6.2320, -101.4172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 255, 181) }
```

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

```
.background{ background-color: rgb(78, 255,  
181) }
```

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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