

Converting Colors

YUV(196.4760, 0.7513,
-101.2725)

Have a look what the booklet for
YUV(196.4760, 0.7513, -101.2725)
contains.

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Color

**YUV(196.4760, 0.7513,
-101.2725)**

Conversions

Conversions Part 1

Format	Color
Hex	51FFC6
RGB	81, 255, 198
RGB Percent	32%, 100%, 78%
CMY	0.6824, 0.0000, 0.2235
CMYK	0.68, 0.00, 0.22, 0.00
HSL	160°, 100%, 66%
HSV	160°, 68%, 100%
XYZ	49.3464, 77.3465, 65.7546
YIQ	196.4760, -85.4070, -54.6150

Conversions

Conversions Part 2

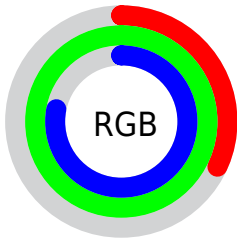
Format	Color
RYB	81, 185, 255
Decimal	5373894
CIELab	90.48, -57.11, 14.54
CIELCh	90, 58.930, 165.719
Yxy	77.3465, 0.2564, 0.4019
Android (android.graphics.Color)	4283563974 (0xFF51FFC6)
YUV	196.4760, 0.7513, -101.2725
Hunter-Lab	87.9469, -53.7520, 17.2339

Details

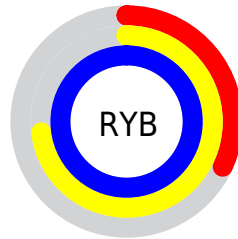
The YUV color **196.4760, 0.7513, -101.2725** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted cyan. A complement of this color would be **139.5240, -0.7513, 101.2725**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3060, 15.6251, -65.1664**, and **132.0550, 5.8889, -115.8122** is the 20% darker color. If you saturate the color by 10%, you get **188.0890, 0.9421, -115.8421**, and if you desaturate by 10%, it is **204.8630, 0.5605, -86.7029**.

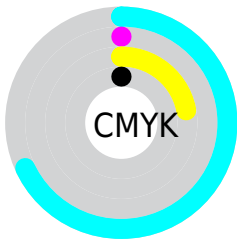
Distribution



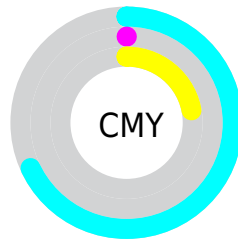
- Red (32%)
- Green (100%)
- Blue (78%)



- Red (32%)
- Yellow (73%)
- Blue (100%)



- Cyan (68%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (68%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.4760, 0.7513, -101.2725 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 196.4760, 0.7513, -101.2725 by changing the saturation by 10% instead.

196.4760, 0.7513,
-101.2725

196.4760, 0.7513,
-101.2725

255.0000, 0.0000,
0.0000

162.3220, 4.2783,
-112.5384

223.3060, 15.6251,
-65.1664

132.0550, 5.8889,
-115.8122

232.5750, 11.0555,
-46.1083

112.6550, 2.6351,
-98.7984

242.1430, 6.3385,
-26.4354

94.0700, -0.0345,
-82.4994

251.4120, 1.7689,
-7.3773

75.4850, -2.7041,
-66.2003

57.6010, -5.2263,
-50.5161

40.5320, -7.1643,

-35.5466

■ 24.1810, -11.4282,
-21.2067

■ 1.7610, -0.8682,
-1.5444

■ 196.4760, 0.7513,
-101.2725

■ 196.4760, 0.7513,
-101.2725

■ 188.0890, 0.9421,
-115.8421

■ 204.8630, 0.5605,
-86.7029

■ 179.2890, 0.8435,
-130.9265

■ 213.6630, 0.6591,
-71.6185

■ 170.9020, 1.0343,
-145.4961

■ 222.3490, 0.3209,
-56.4341

■ 169.1790, 0.8978,
-148.3700

■ 230.7360, 0.1302,
-41.8645

■ 239.5360, 0.2288,
-26.7801

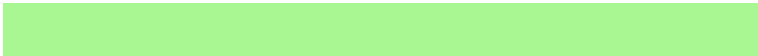
■ 247.9230, 0.0380,
-12.2105

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.



212.1640, -32.6189, -37.8548



196.4760, 0.7513, -101.2725



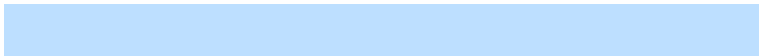
178.7550, 37.5888, -156.7681

Triad

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



196.4760, 0.7513, -101.2725



216.4820, 18.9894, -24.1017



207.6960, -28.9371, 41.4856

Complementary

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



196.4760, 0.7513, -101.2725



139.5240, -0.7513, 101.2725

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.



205.8790, -2.8983, 43.0791



196.4760, 0.7513, -101.2725



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.



196.4760, 0.7513, -101.2725



184.2910, 34.8595, -121.2812



213.3230, 20.5468, 36.5507



215.7880, -48.7025, 34.3889

Rectangle

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



196.4760, 0.7513, -101.2725



178.7550, 37.5888, -156.7681



213.3230, 20.5468, 36.5507



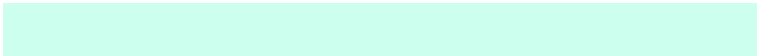
205.9980, -20.2120, 42.9748

Sweetspot

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



196.4760, 0.7513, -101.2725



237.8130, 0.0922, -29.6540



200.4800, -58.9036, -53.9180



117.4770, -0.2352, -17.9583



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.



196.4760, 0.7513, -101.2725



184.7570, 1.1058, -121.6899



185.9510, 34.0412, -92.0420



123.5430, -0.2677, -7.4922



126.8230, 1.0733, -111.2238



42.4700, 0.2613, -37.2462

Inverse Universe

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



139.5240, -0.7513, 101.2725



116.2430, -1.1058, 121.6899



150.0490, -34.0412, 92.0420



119.3430, -0.1691, 7.5922



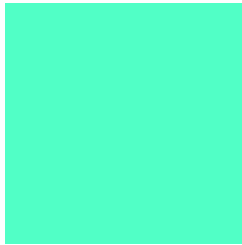
64.2910, -0.6365, 111.1238



21.5300, -0.2613, 37.2462

Previews

White Background



This preview shows how the YUV color 196.4760, 0.7513, -101.2725 looks on a white background.

Color Contrast Check

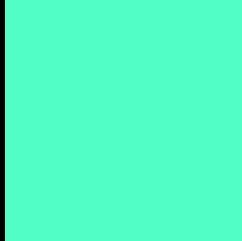
Large Text (above 18pt) WCAG AA × Fail

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 196.4760, 0.7513, -101.2725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

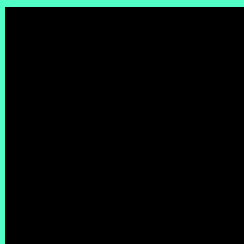
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.4760, 0.7513, -101.2725

Background



This preview shows how black text looks on a background with the YUV color 196.4760, 0.7513, -101.2725.



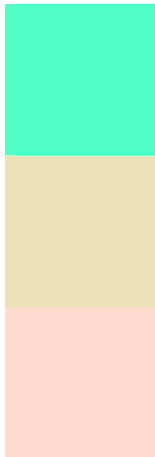
This preview shows how white text looks on a background with the YUV color 196.4760, 0.7513, -101.2725.

-101.2725.

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

196.4760, 0.7513, -101.2725

Protanopia

224.3980, -20.4092, 12.8060

Deuteranopia

227.6950, -10.6956, 23.9465



Tritanopia

216.2950, 19.0816, -53.7557

Trichromacy



Original Color

196.4760, 0.7513, -101.2725



Protanomaly

214.3820, -13.0063, -28.3990



Deuteranomaly

216.1470, -6.4815, -21.1769



Tritanomaly

208.7630, 12.4418, -70.8292

Monochromacy



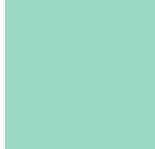
Original Color

196.4760, 0.7513, -101.2725



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

195.8830, 0.5507, -36.7314

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.4760, 0.7513, -101.2725 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(81, 255, 198)` looks like.

```
.text, #text, p{  
    color:rgb(81, 255, 198)  
}
```

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(81, 255, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 255, 198) }
```

Border

The CSS property to change the border of an element to YUV 196.4760, 0.7513, -101.2725 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(81, 255, 198) }
```


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

```
.border{ border-color:rgb(81, 255, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 255, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 255, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 255, 198);  
box-shadow:4px 4px 4px 4px rgb(81, 255,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 196.4760, 0.7513, -101.2725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 255, 198) }
```

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

```
.background{ background-color: rgb(81, 255,  
198) }
```

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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