

Converting Colors

YUV(196.0210, 14.2866,
-102.6274)

Have a look what the booklet for
YUV(196.0210, 14.2866, -102.6274)
contains.

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Color

**YUV(196.0210, 14.2866,
-102.6274)**

Conversions

Conversions Part 1

Format	Color
Hex	4FFAE1
RGB	79, 250, 225
RGB Percent	31%, 98%, 88%
CMY	0.6902, 0.0196, 0.1176
CMYK	0.68, 0.00, 0.10, 0.02
HSL	171°, 94%, 65%
HSV	171°, 68%, 98%
XYZ	51.0007, 75.4697, 83.1133
YIQ	196.0210, -93.8910, -44.0270

Conversions

Conversions Part 2

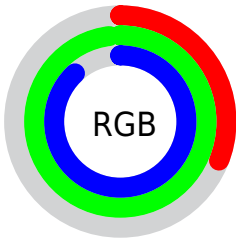
Format	Color
RYB	79, 171, 250
Decimal	5241569
CIELab	89.61, -48.92, -0.69
CIElCh	90, 48.929, 180.810
Yxy	75.4697, 0.2433, 0.3601
Android (android.graphics.Color)	4283431649 (0xFF4FFAE1)
YUV	196.0210, 14.2866, -102.6274
Hunter-Lab	86.8733, -47.2364, 4.0875

Details

The YUV color **196.0210, 14.2866, -102.6274** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **132.9790, -14.2866, 102.6274**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.0070, 15.7725, -65.7811**, and **132.6710, 18.4032, -116.3525** is the 20% darker color. If you saturate the color by 10%, you get **188.0900, 16.2246, -117.5969**, and if you desaturate by 10%, it is **203.9520, 12.3487, -87.6579**.

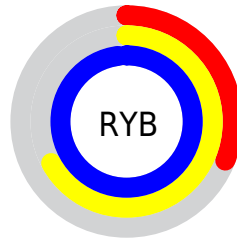
Distribution



Red (31%)

Green (98%)

Blue (88%)



Red (31%)

Yellow (67%)

Blue (98%)

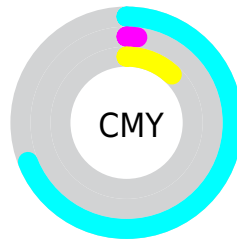


Cyan (68%)

Magenta (0%)

Yellow (10%)

Black (2%)



Cyan (69%)

Magenta (2%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.0210, 14.2866, -102.6274 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 196.0210, 14.2866, -102.6274 by changing the saturation by 10% instead.

196.0210, 14.2866,
-102.6274

196.0210, 14.2866,
-102.6274

255.0000, 0.0000,
0.0000

160.5570, 17.9664,
-116.2525

223.0070, 15.7725,
-65.7811

132.6710, 18.4032,
-116.3525

232.5750, 11.0555,
-46.1083

113.1570, 14.7126,
-99.2387

241.8440, 6.4859,
-27.0502

94.4580, 11.6062,
-82.8397

251.4120, 1.7689,
-7.3773

76.3460, 8.2104,
-66.9554

58.4620, 5.6882,
-51.2712

41.2790, 3.3135,

-36.2017

■ 25.9710, 0.5073,
-22.7766

■ 0.0000, 0.0000,
0.0000

■ 196.0210, 14.2866,
-102.6274

■ 196.0210, 14.2866,
-102.6274

■ 188.0900, 16.2246,
-117.5969

■ 203.9520, 12.3487,
-87.6579

■ 180.2730, 18.5994,
-132.6664

■ 211.7690, 9.9739,
-72.5884

■ 172.3420, 20.5374,
-147.6359


■ 219.7000, 8.0359,
-57.6189


■ 171.0320, 20.6902,
-149.9951


■ 227.6310, 6.0979,
-42.6494

 235.4480, 3.7231,
-27.5799

 243.3790, 1.7852,
-12.6104

 251.3100, -0.1528,
2.3591

 251.9510, 1.0102,
2.6740

 252.0650, 1.4470,
2.5740

Harmonies

Analogous

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



209.2450, -15.4038, -52.8349



196.0210, 14.2866, -102.6274



175.2330, 39.3251, -153.6793

Triad

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



196.0210, 14.2866, -102.6274



223.4690, 15.5448, 7.4817



214.2840, -34.1570, 35.7079

Complementary

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



196.0210, 14.2866, -102.6274



132.9790, -14.2866, 102.6274

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.



210.0560, -14.8176, 39.4159



196.0210, 14.2866, -102.6274



220.9540, 16.7847, 29.8583

Square

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



196.0210, 14.2866, -102.6274



210.4360, 21.9701, -46.8634



212.3650, 6.7221, 37.3909



221.7810, -44.7550, 28.2561

Rectangle

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



196.0210, 14.2866, -102.6274



172.8850, 40.4827, -151.6201



212.3650, 6.7221, 37.3909



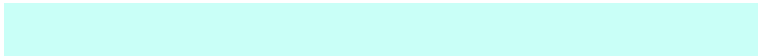
211.9020, -28.0527, 37.7969

Sweetspot

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



196.0210, 14.2866, -102.6274



237.9420, 4.4656, -32.3981



187.1510, -53.3184, -72.0464



117.8620, 2.5330, -19.1730



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.



196.0210, 14.2866, -102.6274



188.9750, 17.2673, -125.3891



163.6510, 42.5701, -74.2389



120.8850, 1.0427, -7.7921



129.2970, 15.6296, -113.3935



41.7350, 5.0606, -36.6016

Inverse Universe

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



132.9790, -14.2866, 102.6274



111.9110, -17.7041, 125.4891



165.3490, -42.5701, 74.2389



116.1150, -1.0427, 7.7921



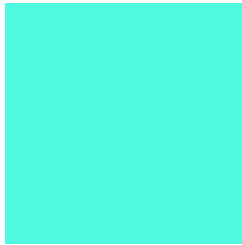
59.7030, -15.6296, 113.3935



19.2650, -5.0606, 36.6016

Previews

White Background



This preview shows how the YUV color 196.0210, 14.2866, -102.6274 looks on a white background.

Color Contrast Check

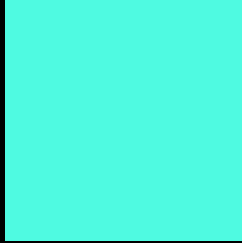
Large Text (above 18pt) WCAG AA × Fail

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 196.0210, 14.2866, -102.6274 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 196.0210, 14.2866, -102.6274 Background



This preview shows how black text looks on a background with the YUV color 196.0210, 14.2866, -102.6274.



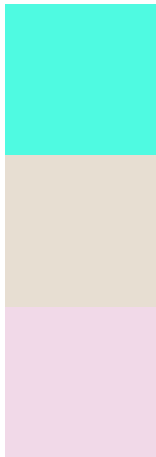
This preview shows how white text looks on a background with the YUV color 196.0210, 14.2866, -102.6274.

-102.6274.

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

196.0210, 14.2866, -102.6274

Protanopia

223.3230, -6.5682, 6.7327

Deuteranopia

225.8860, 3.0142, 13.2550



Tritanopia

211.8210, 21.2872, -61.2330

Trichromacy



Original Color

196.0210, 14.2866, -102.6274



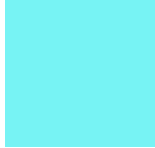
Protanomaly

213.3180, 0.8292, -32.7279



Deuteranomaly

214.9470, 6.9281, -28.8945



Tritanomaly

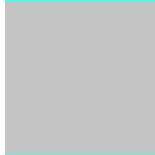
206.0380, 18.7153, -76.3323

Monochromacy



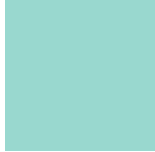
Original Color

196.0210, 14.2866, -102.6274



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

196.1370, 5.3555, -37.8311

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.0210, 14.2866, -102.6274 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(79, 250, 225)` looks like.

```
.text, #text, p{  
    color:rgb(79, 250, 225)  
}
```

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(79, 250, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 250, 225) }
```

Border

The CSS property to change the border of an element to YUV 196.0210, 14.2866, -102.6274 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(79, 250, 225) }
```


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

```
.border{ border-color:rgb(79, 250, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 250, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 250, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 250, 225);  
box-shadow:4px 4px 4px 4px rgb(79, 250,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 196.0210, 14.2866, -102.6274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 250, 225) }
```

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

```
.background{ background-color: rgb(79, 250,  
225) }
```

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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