

Converting Colors

YUV(181.4490, 21.9636,
-91.6018)

Have a look what the booklet for
YUV(181.4490, 21.9636, -91.6018)
contains.

YUV(181.4490, 21.9636, -91.6018)	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(181.4490, 21.9636,
-91.6018)**

Conversions

Conversions Part 1

Format	Color
Hex	4DE2E2
RGB	77, 226, 226
RGB Percent	30%, 89%, 89%
CMY	0.6980, 0.1137, 0.1137
CMYK	0.66, 0.00, 0.00, 0.11
HSL	180°, 72%, 59%
HSV	180°, 66%, 89%
XYZ	43.9844, 61.4615, 81.4965
YIQ	181.4490, -88.8040, -31.5880

Conversions

Conversions Part 2

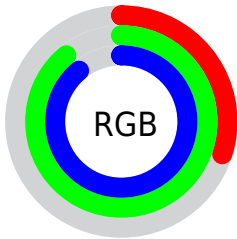
Format	Color
RYB	77, 152, 226
Decimal	5104354
CIELab	82.63, -38.37, -11.54
CIELCh	83, 40.068, 196.745
Yxy	61.4615, 0.2353, 0.3288
Android (android.graphics.Color)	4283294434 (0xFF4DE2E2)
YUV	181.4490, 21.9636, -91.6018
Hunter-Lab	78.3974, -37.0490, -6.7557

Details

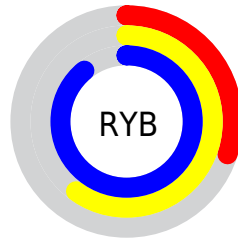
The YUV color **181.4490, 21.9636, -91.6018** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **121.5510, -21.9636, 91.6018**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8110, 16.3622, -68.2402**, and **119.2840, 25.4960, -104.6121** is the 20% darker color. If you saturate the color by 10%, you get **174.5720, 25.3540, -105.7416**, and if you desaturate by 10%, it is **188.3260, 18.5733, -77.4619**.

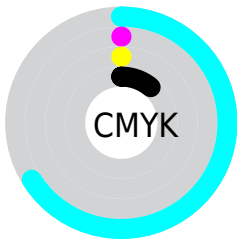
Distribution



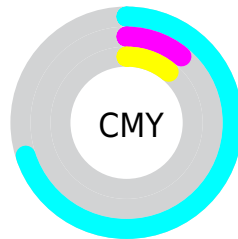
- Red (30%)
- Green (89%)
- Blue (89%)



- Red (30%)
- Yellow (60%)
- Blue (89%)



- Cyan (66%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (70%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.4490, 21.9636, -91.6018 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 181.4490, 21.9636, -91.6018 by changing the saturation by 10% instead.

181.4490, 21.9636,
-91.6018

181.4490, 21.9636,
-91.6018

255.0000, 0.0000,
0.0000

147.7680, 24.7644,
-103.2825

221.8110, 16.3622,
-68.2402

119.2840, 25.4960,
-104.6121

231.0800, 11.7926,
-49.1822

100.3570, 21.5160,
-88.0131

240.3490, 7.2229,
-30.1241

82.2450, 18.1202,
-72.1289

249.6180, 2.6533,
-11.0660

64.7200, 14.4350,
-56.7594

47.3090, 11.1867,
-41.4900

31.3000, 8.2331,

-27.4501

■ 13.7580, 7.0213,
-12.0658

■ 0.0000, 0.0000,
0.0000

■ 181.4490, 21.9636,
-91.6018

■ 181.4490, 21.9636,
-91.6018

■ 174.5720, 25.3540,
-105.7416

■ 188.3260, 18.5733,
-77.4619

■ 167.9940, 28.5970,
-119.2667

■ 194.9040, 15.3303,
-63.9368

■ 161.1170, 31.9873,
-133.4066

■ 201.7810, 11.9400,
-49.7969

■ 158.4260, 33.3140,
-138.9396

■ 208.3590, 8.6970,
-36.2718

■ 215.2360, 5.3067,
-22.1320

■ 222.1130, 1.9163,
-7.9921

■ 228.6910, -1.3267,
5.5330

■ 234.6710, -4.2748,
17.8285

Harmonies

Analogous

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



189.5720, -1.2680, -60.1376



181.4490, 21.9636, -91.6018



182.0970, 35.9412, -94.8011

Triad

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



181.4490, 21.9636, -91.6018



209.9900, 22.1899, 22.8108



204.9420, -35.4674, 36.0079

Complementary

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



181.4490, 21.9636, -91.6018



121.5510, -21.9636, 91.6018

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.



202.1680, -24.7328, 46.3337



181.4490, 21.9636, -91.6018



206.8540, 8.4530, 42.2240

Square

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



181.4490, 21.9636, -91.6018



203.2580, 25.5088, -15.1353



201.3480, -7.5666, 47.0528



201.2220, -33.6334, 7.6983

Rectangle

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



181.4490, 21.9636, -91.6018



188.7300, 32.6711, -72.5542



201.3480, -7.5666, 47.0528



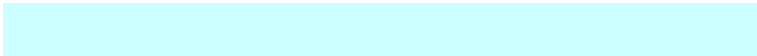
205.1540, -33.5999, 43.7149

Sweetspot

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



181.4490, 21.9636, -91.6018



239.7510, 7.5178, -31.3536



164.4630, -43.1193, -76.7051



118.7310, 4.5696, -19.0581



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.



181.4490, 21.9636, -91.6018



194.9010, 29.6288, -123.5702



138.0110, 43.3786, -53.5066



108.7110, 1.6215, -6.7625



123.3760, 25.9436, -108.2008



33.6480, 7.0755, -29.5093

Inverse Universe

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



138.5370, 43.1193, 76.7051



137.0130, 58.1676, 103.4746



165.5760, -43.6680, 52.9918



105.5430, 3.1833, 5.6628



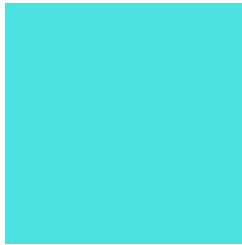
72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 181.4490, 21.9636, -91.6018 looks on a white background.

Color Contrast Check

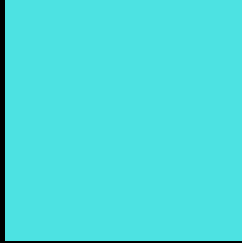
Large Text (above 18pt) WCAG AA × Fail

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 181.4490, 21.9636, -91.6018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

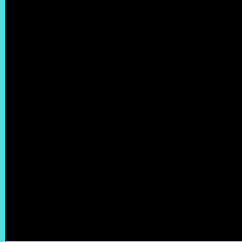
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

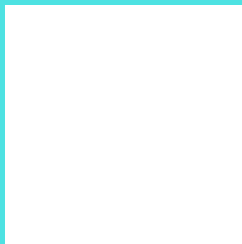
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 181.4490, 21.9636, -91.6018

Background



This preview shows how black text looks on a background with the YUV color 181.4490, 21.9636, -91.6018.

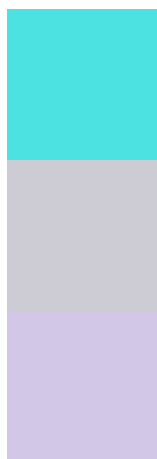


This preview shows how white text looks on a background with the YUV color 181.4490, 21.9636, -91.6018.

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

181.4490, 21.9636, -91.6018

Protanopia

204.6240, 3.6364, 0.3298

Deuteranopia

206.3500, 12.6455, 4.0781



Tritanopia

184.4910, 28.3519, -87.2536

Trichromacy



Original Color

181.4490, 21.9636, -91.6018



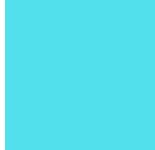
Protanomaly

195.8370, 10.4334, -33.1830



Deuteranomaly

197.3410, 16.1009, -30.9941



Tritanomaly

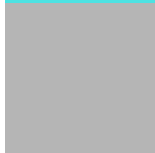
183.4970, 25.8840, -89.0129

Monochromacy



Original Color

181.4490, 21.9636, -91.6018



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

180.8540, 7.9600, -33.1980

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.4490, 21.9636, -91.6018 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(77, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(77, 226, 226)  
}
```

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(77, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 226, 226) }
```

Border

The CSS property to change the border of an element to YUV 181.4490, 21.9636, -91.6018 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(77, 226, 226) }
```


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

```
.border{ border-color:rgb(77, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(77, 226,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 181.4490, 21.9636, -91.6018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 226, 226) }
```

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

```
.background{ background-color: rgb(77, 226,  
226) }
```

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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