

Converting Colors

YUV(165.4490, 21.9636,
-91.6018)

Have a look what the booklet for
YUV(165.4490, 21.9636, -91.6018)
contains.

YUV(165.4490, 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(165.4490, 21.9636,
-91.6018)**

Conversions

Conversions Part 1

Format	Color
Hex	3DD2D2
RGB	61, 210, 210
RGB Percent	24%, 82%, 82%
CMY	0.7608, 0.1765, 0.1765
CMYK	0.71, 0.00, 0.00, 0.18
HSL	180°, 62%, 53%
HSV	180°, 71%, 82%
XYZ	36.6039, 51.7384, 69.0301
YIQ	165.4490, -88.8040, -31.5880

Conversions

Conversions Part 2

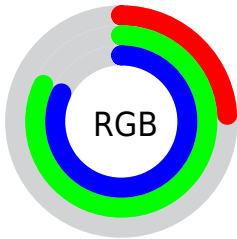
Format	Color
R_{YB}	61, 136, 210
Decimal	4051666
CIE _{Lab}	77.12, -37.62, -11.25
CIE _{LCh}	77, 39.269, 196.654
Yxy	51.7384, 0.2326, 0.3288
Android (android.graphics.Color)	4282241746 (0xFF3DD2D2)
YUV	165.4490, 21.9636, -91.6018
Hunter-Lab	71.9294, -35.0403, -6.5495

Details

The YUV color **165.4490, 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 **105.5510, -21.9636, 91.6018**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.6250, 18.4259, -76.8471**, and **108.7690, 23.2849, -95.3904** is the 20% darker color. If you saturate the color by 10%, you get **159.1700, 25.0592, -104.5121**, and if you desaturate by 10%, it is **171.7280, 18.8681, -78.6915**.

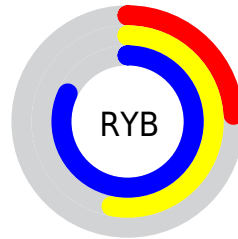
Distribution



Red (24%)

Green (82%)

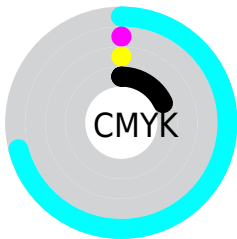
Blue (82%)



Red (24%)

Yellow (53%)

Blue (82%)

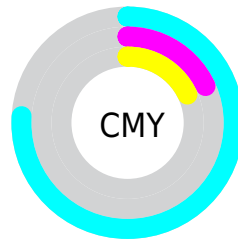


Cyan (71%)

Magenta (0%)

Yellow (0%)

Black (18%)



Cyan (76%)

Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.4490, 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 165.4490, 21.9636, -91.6018 by changing the saturation by 10% instead.

■ 165.4490, 21.9636,
-91.6018

■ 165.4490, 21.9636,
-91.6018

255.0000, 0.0000,
0.0000

■ 127.5820, 26.8281,
-111.8894

■ 217.6250, 18.4259,
-76.8471

■ 108.7690, 23.2849,
-95.3904

■ 226.8940, 13.8563,
-57.7890

■ 89.9560, 19.7417,
-78.8914

■ 236.1630, 9.2866,
-38.7310

■ 72.4310, 16.0565,
-63.5220

■ 245.4320, 4.7170,
-19.6729

■ 54.9060, 12.3713,
-48.1526

254.7010, 0.1474,
-0.6148

■ 38.3100, 9.7072,
-33.5979

■ 23.4750, 6.1748,

-20.5876

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 165.4490, 21.9636,
-91.6018

■ 165.4490, 21.9636,
-91.6018

■ 159.1700, 25.0592,
-104.5121

■ 171.7280, 18.8681,
-78.6915

■ 152.8910, 28.1547,
-117.4224


■ 178.0070, 15.7725,
-65.7811


■ 147.2100, 30.9555,
-129.1032

■ 184.2860, 12.6770,
-52.8708

■ 190.5650, 9.5815,
-39.9605

 196.8440, 6.4859,
-27.0502

 203.1230, 3.3904,
-14.1399

 209.4020, 0.2948,
-1.2296

 215.6810, -2.8007,
11.6808

 221.9600, -5.8963,
24.5911

Harmonies

Analogous

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



174.5830, -1.2734, -58.3933



165.4490, 21.9636, -91.6018



165.8410, 37.5464, -96.3306

Triad

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



165.4490, 21.9636, -91.6018



195.3920, 22.4847, 21.5812



189.5720, -34.2990, 34.5784

Complementary

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



165.4490, 21.9636, -91.6018



105.5510, -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.



191.2830, -25.7755, 54.1258



165.4490, 21.9636, -91.6018



195.0290, 6.3947, 49.0866

Square

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



165.4490, 21.9636, -91.6018



189.9680, 32.0608, -16.6349



191.4200, -10.0671, 55.7597



186.1510, -32.6124, 6.8836

Rectangle

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



165.4490, 21.9636, -91.6018



174.8530, 39.5125, -73.5391



191.4200, -10.0671, 55.7597



190.0830, -32.5789, 42.9002

Sweetspot

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



165.4490, 21.9636, -91.6018



238.8540, 7.9600, -33.1980



148.4630, -43.1193, -76.7051



118.4320, 4.7170, -19.6729



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.



165.4490, 21.9636, -91.6018



190.1170, 31.9873, -133.4066



122.0110, 43.3786, -53.5066



101.7110, 1.6215, -6.7625



117.7680, 24.7644, -103.2825



28.7410, 6.0437, -25.2059

Inverse Universe

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



122.5370, 43.1193, 76.7051



127.6210, 62.7978, 111.7114



149.5760, -43.6680, 52.9918



98.5430, 3.1833, 5.6628



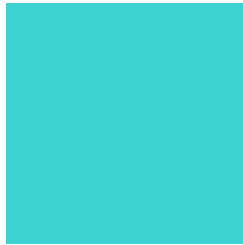
69.3840, 48.6177, 86.4862



16.9330, 11.8650, 21.1068

Previews

White Background



This preview shows how the YUV color 165.4490, 21.9636, -91.6018 looks on a white background.

Color Contrast Check

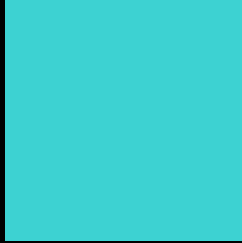
Large Text (above 18pt) WCAG AA × Fail

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 165.4490, 21.9636, -91.6018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

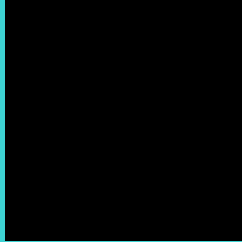
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

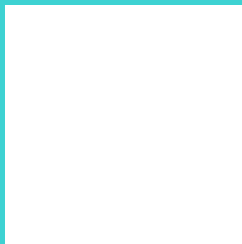
Any Text WCAG AAA ✓ Pass

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

YUV 165.4490, 21.9636, -91.6018 Background



This preview shows how black text looks on a background with the YUV color 165.4490, 21.9636, -91.6018.

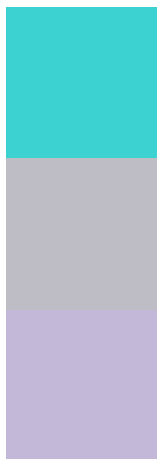


This preview shows how white text looks on a background with the YUV color 165.4490, 21.9636, -91.6018.

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

165.4490, 21.9636, -91.6018

Protanopia

189.5100, 3.1996, 0.4297

Deuteranopia

190.9370, 12.3561, 3.5633



Tritanopia

168.6760, 27.7677, -86.5389

Trichromacy



Original Color

165.4490, 21.9636, -91.6018



Protanomaly

180.7230, 9.9966, -33.0831



Deuteranomaly

181.3410, 16.1009, -30.9941



Tritanomaly

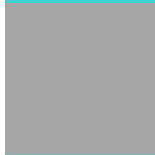
167.7960, 25.7366, -88.3981

Monochromacy



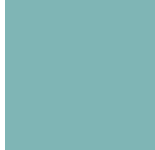
Original Color

165.4490, 21.9636, -91.6018



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

164.8540, 7.9600, -33.1980

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.4490, 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(61, 210, 210)` looks like.

```
.text, #text, p{  
    color:rgb(61, 210, 210)  
}
```

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(61, 210, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 210, 210) }
```

Border

The CSS property to change the border of an element to YUV 165.4490, 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(61, 210, 210) }
```


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

```
.border{ border-color:rgb(61, 210, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 210, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 210, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 210, 210);  
box-shadow:4px 4px 4px 4px rgb(61, 210,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 165.4490, 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(61, 210, 210) }
```

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

```
.background{ background-color: rgb(61, 210,  
210) }
```

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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