

Converting Colors

YUV(131.5590, 21.9094,
-74.1582)

Have a look what the booklet for
YUV(131.5590, 21.9094, -74.1582)
contains.

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Color

**YUV(131.5590, 21.9094,
-74.1582)**

Conversions

Conversions Part 1

Format	Color
Hex	2FA6B0
RGB	47, 166, 176
RGB Percent	18%, 65%, 69%
CMY	0.8157, 0.3490, 0.3098
CMYK	0.73, 0.06, 0.00, 0.31
HSL	185°, 58%, 44%
HSV	185°, 73%, 69%
XYZ	22.6450, 31.0114, 45.8666
YIQ	131.5590, -74.1340, -22.1180

Conversions

Conversions Part 2

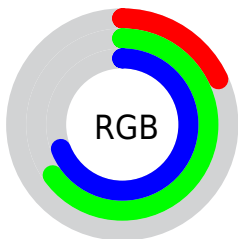
Format	Color
RYB	47, 109, 176
Decimal	3122864
CIELab	62.52, -28.47, -14.55
CIELCh	63, 31.973, 207.071
Yxy	31.0114, 0.2275, 0.3116
Android (android.graphics.Color)	4281312944 (0xFF2FA6B0)
YUV	131.5590, 21.9094, -74.1582
Hunter-Lab	55.6878, -24.8683, -9.8519

Details

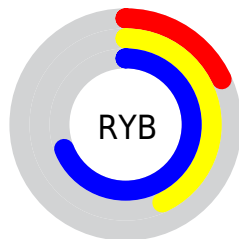
The YUV color **131.5590, 21.9094, -74.1582** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **91.4410, -21.9094, 74.1582**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9620, 20.7247, -67.4957**, and **81.0540, 21.1724, -71.0844** is the 20% darker color. If you saturate the color by 10%, you get **125.5900, 24.8521, -84.7094**, and if you desaturate by 10%, it is **137.5280, 18.9667, -63.6071**.

Distribution



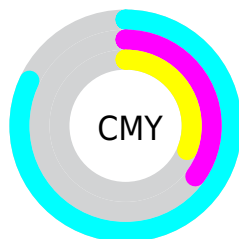
- Red (18%)
- Green (65%)
- Blue (69%)



- Red (18%)
- Yellow (43%)
- Blue (69%)



- Cyan (73%)
- Magenta (6%)
- Yellow (0%)
- Black (31%)



- Cyan (82%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.5590, 21.9094, -74.1582 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 131.5590, 21.9094, -74.1582 by changing the saturation by 10% instead.

■ 131.5590, 21.9094,
-74.1582

■ 131.5590, 21.9094,
-74.1582

■ 255.0000, 0.0000,
0.0000

■ 98.5790, 24.8576,
-86.4538

■ 189.9620, 20.7247,
-67.4957

■ 81.0540, 21.1724,
-71.0844

■ 218.5770, 17.9565,
-66.2810

■ 63.5290, 17.4872,
-55.7149

■ 230.1830, 12.2348,
-51.0265

■ 46.7050, 13.9494,
-40.9603

■ 239.1530, 7.8126,
-32.5832

■ 30.5820, 10.5591,
-26.8204

■ 248.1230, 3.3904,
-14.1399

■ 13.5130, 8.6211,
-11.8509

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 131.5590, 21.9094,
-74.1582

■ 131.5590, 21.9094,
-74.1582

■ 125.5900, 24.8521,
-84.7094

■ 137.5280, 18.9667,
-63.6071

■ 119.3330, 27.9368,
-94.1310

■ 143.7850, 15.8820,
-54.1854

■ 115.1580, 29.9951,
-100.9936

■ 149.7540, 12.9393,
-43.6343

■ 155.4240, 10.1440,
-33.6978

■ 161.9800, 6.9119,
-23.6615

■ 167.9490, 3.9691,
-13.1103

■ 174.2060, 0.8844,
-3.6887

■ 180.1750, -2.0583,
6.8625

■ 185.8450, -4.8536,
16.7989

Harmonies

Analogous

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



136.6250, 5.1149, -54.0451



131.5590, 21.9094, -74.1582



136.5030, 30.3180, -64.4621

Triad

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



131.5590, 21.9094, -74.1582



155.3080, 13.1592, 26.0399



149.3190, -27.2723, 20.7682

Complementary

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



131.5590, 21.9094, -74.1582



91.4410, -21.9094, 74.1582

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.



151.7540, -23.5427, 37.9267



131.5590, 21.9094, -74.1582



154.9760, 0.0118, 42.9940

Square

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



131.5590, 21.9094, -74.1582



153.2920, 24.0130, -2.0101



153.2680, -12.9501, 47.1230



146.6150, -22.9812, -2.2934

Rectangle

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



131.5590, 21.9094, -74.1582



143.4390, 30.8426, -45.9890



153.2680, -12.9501, 47.1230



150.1780, -26.7098, 27.0309

Sweetspot

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



131.5590, 21.9094, -74.1582



212.4030, 8.6753, -29.2944



123.7490, -33.4003, -67.3089



104.2690, 5.2904, -16.8989



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



131.5590, 21.9094, -74.1582



160.2100, 34.4065, -115.9482



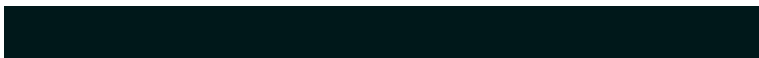
94.5780, 40.1410, -41.7259



86.3090, 1.3267, -5.5330



100.2090, 26.0260, -87.8833



17.0520, 4.4114, -14.9546

Inverse Universe

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



99.1370, 32.9635, 67.4089



109.6020, 51.4682, 105.5890



128.4220, -40.1410, 41.7259



83.7170, 2.6045, 4.6332



61.8210, 39.0352, 79.9640



10.5100, 6.6506, 13.5847

Previews

White Background



This preview shows how the YUV color 131.5590, 21.9094, -74.1582 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 131.5590, 21.9094, -74.1582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

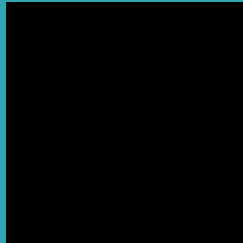
Any Text WCAG AA ✓ Pass

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 131.5590, 21.9094, -74.1582 Background



This preview shows how black text looks on a background with the YUV color 131.5590, 21.9094, -74.1582.



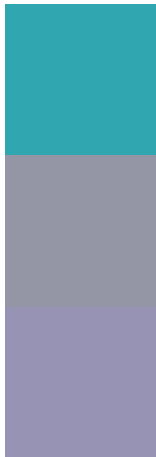
This preview shows how white text looks on a background with the YUV color 131.5590, 21.9094, -74.1582.

-74.1582.

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

131.5590, 21.9094, -74.1582

Protanopia

150.5250, 7.1362, -2.2144

Deuteranopia

151.6590, 13.9721, -1.4549



Tritanopia

132.4990, 22.9250, -73.2286

Trichromacy



Original Color

131.5590, 21.9094, -74.1582

Protanomaly

143.4400, 12.6011, -28.4499

Deuteranomaly

144.5910, 16.9636, -27.7053

Tritanomaly

132.0860, 22.6356, -73.7434

Monochromacy



Original Color

131.5590, 21.9094, -74.1582

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.5990, 8.0857, -26.8353

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.5590, 21.9094, -74.1582 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(47, 166, 176)` looks like.

```
.text, #text, p{  
    color:rgb(47, 166, 176)  
}
```

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(47, 166, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 166, 176) }
```

Border

The CSS property to change the border of an element to YUV 131.5590, 21.9094, -74.1582 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(47, 166, 176) }
```


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

```
.border{ border-color:rgb(47, 166, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 166, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 166, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 166, 176);  
box-shadow:4px 4px 4px 4px rgb(47, 166,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 131.5590, 21.9094, -74.1582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 166, 176) }
```

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

```
.background{ background-color: rgb(47, 166,  
176) }
```

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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