

Converting Colors

YUV(121.5810, 21.8986,
-70.6695)

Have a look what the booklet for
YUV(121.5810, 21.8986, -70.6695)
contains.

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Color

**YUV(121.5810, 21.8986,
-70.6695)**

Conversions

Conversions Part 1

Format	Color
Hex	299AA6
RGB	41, 154, 166
RGB Percent	16%, 60%, 65%
CMY	0.8392, 0.3961, 0.3490
CMYK	0.75, 0.07, 0.00, 0.35
HSL	186°, 60%, 41%
HSV	186°, 75%, 65%
XYZ	19.3530, 26.3358, 40.1397
YIQ	121.5810, -71.2000, -20.2240

Conversions

Conversions Part 2

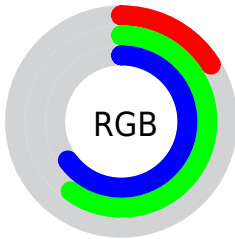
Format	Color
R_{YB}	41, 100, 166
Decimal	2726566
CIE _{Lab}	58.35, -26.34, -15.21
CIE _{LCh}	58, 30.416, 210.002
Yxy	26.3358, 0.2255, 0.3068
Android (android.graphics.Color)	4280916646 (0xFF299AA6)
YUV	121.5810, 21.8986, -70.6695
Hunter-Lab	51.3184, -22.4920, -10.4519

Details

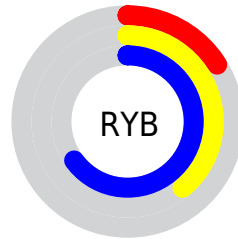
The YUV color **121.5810, 21.8986, -70.6695** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **85.4190, -21.8986, 70.6695**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.8700, 20.2771, -63.9070**, and **72.8700, 20.2771, -63.9070** is the 20% darker color. If you saturate the color by 10%, you get **115.3240, 24.9833, -80.0911**, and if you desaturate by 10%, it is **127.8380, 18.8139, -61.2479**.

Distribution



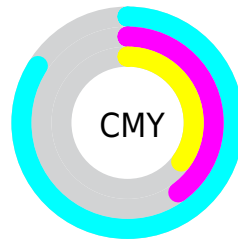
- Red (16%)
- Green (60%)
- Blue (65%)



- Red (16%)
- Yellow (39%)
- Blue (65%)



- Cyan (75%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (84%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.5810, 21.8986, -70.6695 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 121.5810, 21.8986, -70.6695 by changing the saturation by 10% instead.

121.5810, 21.8986,
-70.6695

121.5810, 21.8986,
-70.6695

255.0000, 0.0000,
0.0000

91.0960, 24.1097,
-79.8912

179.8700, 20.2771,
-63.9070

72.8700, 20.2771,
-63.9070

208.2830, 20.5665,
-63.3922

56.0460, 16.7393,
-49.1523

228.3890, 13.1192,
-54.7152

39.8090, 12.9122,
-34.9125

237.0600, 8.8444,
-36.8866

24.9740, 9.3798,
-21.9022

246.0300, 4.4222,
-18.4433

3.3230, 10.1938,
-2.9143

0.0000, 0.0000,

0.0000

■ 121.5810, 21.8986,
-70.6695

■ 121.5810, 21.8986,
-70.6695

■ 115.3240, 24.9833,
-80.0911

■ 127.8380, 18.8139,
-61.2479

■ 109.9530, 27.6312,
-89.4128

■ 133.2090, 16.1660,
-51.9263

■ 106.9740, 29.0998,
-93.8162

■ 139.4660, 13.0813,
-42.5047

■ 144.8370, 10.4334,
-33.1830

■ 151.0940, 7.3487,
-23.7614

■ 157.3510, 4.2640,
-14.3398

■ 162.7220, 1.6161,
-5.0182

■ 168.9790, -1.4686,
4.4034

■ 174.3500, -4.1165,
13.7251

Harmonies

Analogous

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



126.2660, 6.2779, -53.7303



121.5810, 21.8986, -70.6695



127.1940, 28.9914, -58.9291

Triad

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



121.5810, 21.8986, -70.6695



143.8520, 11.4120, 26.4398



138.7530, -25.5142, 16.8796

Complementary

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



121.5810, 21.8986, -70.6695



85.4190, -21.8986, 70.6695

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.



140.3730, -22.3689, 34.7529



121.5810, 21.8986, -70.6695



143.3240, -1.1457, 40.9349

Square

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



121.5810, 21.8986, -70.6695



142.3310, 21.5288, 1.4637



142.1320, -13.3761, 43.7342



135.7610, -21.0812, -5.0524

Rectangle

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



121.5810, 21.8986, -70.6695



133.9020, 28.6423, -40.2561



142.1320, -13.3761, 43.7342



139.4980, -25.3885, 23.2423

Sweetspot

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



121.5810, 21.8986, -70.6695



199.1150, 8.8173, -28.1649



115.5150, -31.8059, -65.3497



98.9700, 5.4378, -17.5137



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



121.5810, 21.8986, -70.6695



147.5420, 34.2428, -110.1003



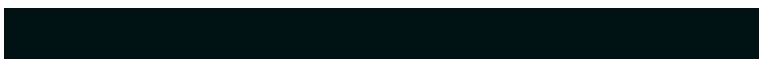
85.7740, 39.5514, -39.2668



81.0210, 1.4686, -4.4034



95.5300, 25.8677, -83.7798



12.8460, 3.5269, -11.2659

Inverse Universe

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



91.2570, 30.9323, 65.5496



100.3690, 48.1321, 102.2854



121.2260, -39.5514, 39.2668



79.1900, 1.8783, 4.2184



59.5280, 36.7147, 77.5899



8.0320, 4.9142, 10.4959

Previews

White Background



This preview shows how the YUV color 121.5810, 21.8986, -70.6695 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 121.5810, 21.8986, -70.6695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

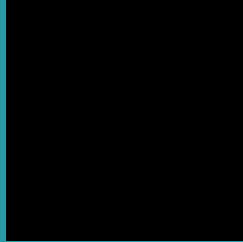
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.5810, 21.8986, -70.6695 Background



This preview shows how black text looks on a background with the YUV color 121.5810, 21.8986, -70.6695.



This preview shows how white text looks on a background with the YUV color 121.5810, 21.8986, -70.6695.

-70.6695.

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

121.5810, 21.8986, -70.6695

Protanopia

139.7530, 8.0098, -2.4144

Deuteranopia

140.4740, 14.5563, -2.1697



Tritanopia

121.5810, 21.8986, -70.6695

Trichromacy



Original Color

121.5810, 21.8986, -70.6695

Protanomaly

133.2660, 13.1799, -27.4203

Deuteranomaly

134.0040, 17.2530, -27.1905

Tritanomaly

121.5810, 21.8986, -70.6695

Monochromacy



Original Color

121.5810, 21.8986, -70.6695

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.1970, 7.7909, -25.6058

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.5810, 21.8986, -70.6695 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(41, 154, 166)` looks like.

```
.text, #text, p{  
    color:rgb(41, 154, 166)  
}
```

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(41, 154, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 154, 166) }
```

Border

The CSS property to change the border of an element to YUV 121.5810, 21.8986, -70.6695 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(41, 154, 166) }
```


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

```
.border{ border-color:rgb(41, 154, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 154, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 154, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 154, 166);  
box-shadow:4px 4px 4px 4px rgb(41, 154,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 121.5810, 21.8986, -70.6695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 154, 166) }
```

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

```
.background{ background-color: rgb(41, 154,  
166) }
```

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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