

Converting Colors

YUV(121.9810, 55.7184,
-44.7103)

Have a look what the booklet for
YUV(121.9810, 55.7184, -44.7103)
contains.

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Color

**YUV(121.9810, 55.7184,
-44.7103)**

Conversions

Conversions Part 1

Format	Color
Hex	477EEB
RGB	71, 126, 235
RGB Percent	28%, 49%, 92%
CMY	0.7216, 0.5059, 0.0784
CMYK	0.70, 0.46, 0.00, 0.08
HSL	220°, 80%, 60%
HSV	220°, 70%, 92%
XYZ	25.0548, 22.2595, 81.5732
YIQ	121.9810, -67.7690, 22.2390

Conversions

Conversions Part 2

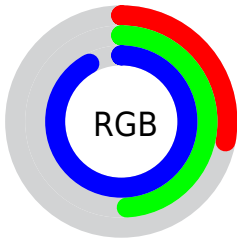
Format	Color
R _Y B	71, 112, 235
Decimal	4685547
CIE Lab	54.30, 17.57, -60.44
CIE LCh	54, 62.939, 286.210
Yxy	22.2595, 0.1944, 0.1727
Android (android.graphics.Color)	4282875627 (0xFF477EEB)
YUV	121.9810, 55.7184, -44.7103
Hunter-Lab	47.1799, 12.2271, -69.4854

Details

The YUV color **121.9810, 55.7184, -44.7103** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **184.0190, -55.7184, 44.7103**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.5190, 39.6771, -32.9042**, and **66.0780, 55.1775, -57.9504** is the 20% darker color. If you saturate the color by 10%, you get **105.7120, 63.7390, -50.6134**, and if you desaturate by 10%, it is **138.2500, 47.6977, -38.8073**.

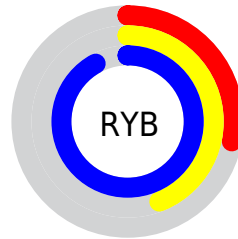
Distribution



Red (28%)

Green (49%)

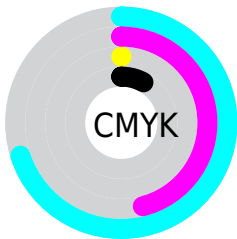
Blue (92%)



Red (28%)

Yellow (44%)

Blue (92%)

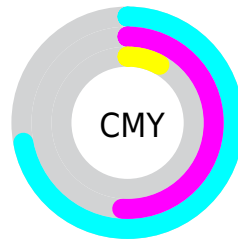


Cyan (70%)

Magenta (46%)

Yellow (0%)

Black (8%)



Cyan (72%)

Magenta (51%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.9810, 55.7184, -44.7103 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 121.9810, 55.7184, -44.7103 by changing the saturation by 10% instead.

■ 121.9810, 55.7184,
-44.7103

■ 121.9810, 55.7184,
-44.7103

■ 255.0000, 0.0000,
0.0000

■ 89.9470, 57.2141,
-57.8355

■ 174.5190, 39.6771,
-32.9042

■ 66.0780, 55.1775,
-57.9504

■ 199.3380, 27.4414,
-28.3604

■ 50.0860, 49.7506,
-43.9254

■ 225.0430, 14.7688,
-23.7167

■ 35.3820, 44.1817,
-31.0300

■ 246.9270, 3.9800,
-16.5990

■ 20.6780, 38.6127,
-18.1346

■ 13.7190, 29.7185,
-12.0316

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 121.9810, 55.7184,
-44.7103

■ 121.9810, 55.7184,
-44.7103

■ 105.7120, 63.7390,
-50.6134

■ 138.2500, 47.6977,
-38.8073

■ 89.7310, 71.6176,
-57.6461

■ 154.2310, 39.8191,
-31.7746

■ 73.1630, 79.7856,
-64.1640

■ 170.5000, 31.7985,
-25.8715

■ 186.4810, 23.9199,
-18.8388

■ 202.7500, 15.8993,
-12.9357

■ 219.3180, 7.7312,
-6.4179

■ 235.2990, -0.1474,
0.6148

■ 250.3720, -7.5784,
4.0588

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



110.8450, 61.7014, -97.2111



121.9810, 55.7184, -44.7103



133.3020, 35.8401, 31.3071

Triad

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



121.9810, 55.7184, -44.7103



124.7820, -35.8815, 75.6132



101.4390, 0.2766, -88.9620

Complementary

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



121.9810, 55.7184, -44.7103



184.0190, -55.7184, 44.7103

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.



110.5870, -30.8554, -43.4878



121.9810, 55.7184, -44.7103



121.8900, -60.0918, 47.4545

Square

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



121.9810, 55.7184, -44.7103



123.6400, -10.1755, 90.6467



118.1040, -58.2253, 8.6788



109.1110, 24.5953, -95.6903

Rectangle

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



121.9810, 55.7184, -44.7103



130.5420, 21.9178, 63.5457



118.1040, -58.2253, 8.6788



98.6860, -7.7332, -86.5476

Sweetspot

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



121.9810, 55.7184, -44.7103



217.7220, 18.3781, -14.6652



179.4660, -0.7227, -95.1247



105.5180, 11.0836, -8.3473



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.



121.9810, 55.7184, -44.7103



107.6600, 72.6386, -58.4608



97.1710, 67.9497, -1.0270



109.6020, 3.6472, -3.1590



56.4410, 61.4076, -49.4988



16.7220, 18.3781, -14.6652

Inverse Universe

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



126.3060, -0.1509, 95.3246



113.1940, -0.0956, 124.3639



208.8290, -67.9497, 1.0270



109.7450, 0.1257, 6.3626



61.0730, -0.0360, 105.1760



18.1980, -0.0976, 31.3984

Previews

White Background



This preview shows how the YUV color 121.9810, 55.7184, -44.7103 looks on a white background.

Color Contrast Check

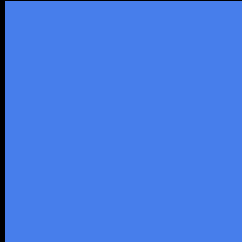
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.9810, 55.7184, -44.7103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

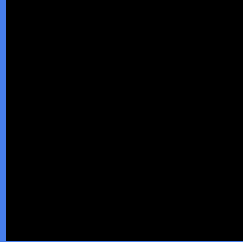
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

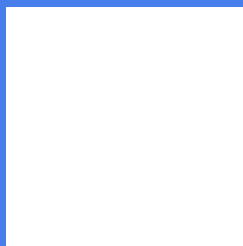
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 121.9810, 55.7184, -44.7103

Background



This preview shows how black text looks on a background with the YUV color 121.9810, 55.7184, -44.7103.



This preview shows how white text looks on a background with the YUV color 121.9810, 55.7184, -44.7103.

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

121.9810, 55.7184, -44.7103

Protanopia

122.4760, 54.9813, -41.6365

Deuteranopia

103.4590, 63.8637, -90.7335



Tritanopia

101.6110, 26.3208, -89.1128

Trichromacy



Original Color

121.9810, 55.7184, -44.7103

Protanomaly

122.1770, 55.1287, -42.2512

Deuteranomaly

110.1730, 61.0467, -73.8197

Tritanomaly

109.1690, 36.8917, -72.9392

Monochromacy



Original Color

121.9810, 55.7184, -44.7103

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.5800, 20.4201, -16.2947

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.9810, 55.7184, -44.7103 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(71, 126, 235)` looks like.

```
.text, #text, p{  
    color:rgb(71, 126, 235)  
}
```

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(71, 126, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 126, 235) }
```

Border

The CSS property to change the border of an element to YUV 121.9810, 55.7184, -44.7103 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(71, 126, 235) }
```


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

```
.border{ border-color:rgb(71, 126, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 126, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 126, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 126, 235);  
box-shadow:4px 4px 4px 4px rgb(71, 126,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 121.9810, 55.7184, -44.7103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 126, 235) }
```

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

```
.background{ background-color: rgb(71, 126,  
235) }
```

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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