

Converting Colors

YUV(117.0810, -9.8999,
-44.7980)

Have a look what the booklet for
YUV(117.0810, -9.8999, -44.7980)
contains.

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Color

**YUV(117.0810, -9.8999,
-44.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	429361
RGB	66, 147, 97
RGB Percent	26%, 58%, 38%
CMY	0.7412, 0.4235, 0.6196
CMYK	0.55, 0.00, 0.34, 0.42
HSL	143°, 38%, 42%
HSV	143°, 55%, 58%
XYZ	14.8382, 22.8888, 14.9452
YIQ	117.0810, -32.2260, -32.7220

Conversions

Conversions Part 2

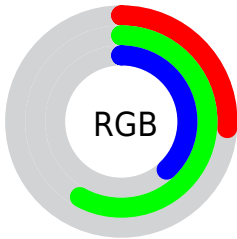
Format	Color
RYB	66, 125, 147
Decimal	4363105
CIELab	54.96, -36.63, 19.17
CIELCh	55, 41.340, 152.369
Yxy	22.8888, 0.2817, 0.4346
Android (android.graphics.Color)	4282553185 (0xFF429361)
YUV	117.0810, -9.8999, -44.7980
Hunter-Lab	47.8422, -28.3624, 14.9682

Details

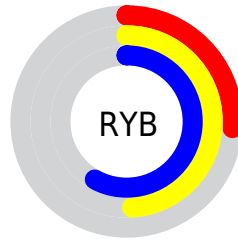
The YUV color **117.0810, -9.8999, -44.7980** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **95.9190, 9.8999, 44.7980**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.3260, -11.4997, -45.0129**, and **61.4650, -5.6522, -53.9048** is the 20% darker color. If you saturate the color by 10%, you get **111.5700, -11.6200, -53.1199**, and if you desaturate by 10%, it is **122.5920, -8.1799, -36.4762**.

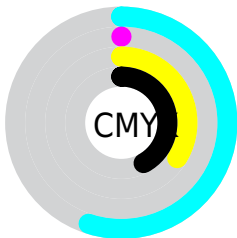
Distribution



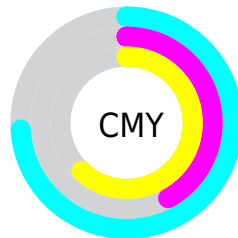
- Red (26%)
- Green (58%)
- Blue (38%)



- Red (26%)
- Yellow (49%)
- Blue (58%)



- Cyan (55%)
- Magenta (0%)
- Yellow (34%)
- Black (42%)



- Cyan (74%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.0810, -9.8999, -44.7980 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 117.0810, -9.8999, -44.7980 by changing the saturation by 10% instead.

■ 117.0810, -9.8999,
-44.7980

■ 117.0810, -9.8999,
-44.7980

■ 255.0000, 0.0000,
0.0000

■ 90.4120, -8.5841,
-46.8423

■ 171.3260,
-11.4997, -45.0129

■ 61.4650, -5.6522,
-53.9048

■ 199.2120,
-11.9365, -44.9129

■ 44.8690, -8.3164,
-39.3501

■ 225.0380,
-11.3577, -43.8833

■ 28.7460, -11.7068,
-25.2102

■ 236.9010, -3.4022,
-28.8542

■ 15.2620, -7.5242,
-13.3848

■ 248.4220, 3.2430,
-13.5251

■ 0.0000, 0.0000,
0.0000

■ 117.0810, -9.8999,
-44.7980

■ 117.0810, -9.8999,
-44.7980

■ 111.5700,
-11.6200, -53.1199

■ 122.5920, -8.1799,
-36.4762

■ 106.3580,
-13.4875, -60.8270

■ 127.8040, -6.3124,
-28.7691

■ 100.8470,
-15.2076, -69.1488

■ 133.3150, -4.5923,
-20.4473

■ 95.3360, -16.9276,
-77.4707

■ 138.8260, -2.8722,
-12.1254

■ 92.6730, -18.0798,
-81.2742

■ 144.0380, -1.0047,
-4.4183

■ 149.5490, 0.7153,
3.9035

■ 155.1740, 2.8722,
12.1254

■ 160.6850, 4.5923,

20.4473

■ 165.8970, 6.4598,
28.1543

Harmonies

Analogous

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



124.4200, -27.3221, -10.0153



117.0810, -9.8999, -44.7980



103.2120, 14.6855, -90.5169

Triad

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



117.0810, -9.8999, -44.7980



123.9260, 38.9835, -43.7851



131.6560, -18.0714, 56.4297

Complementary

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



117.0810, -9.8999, -44.7980



95.9190, 9.8999, 44.7980

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.



133.0100, -1.4839, 56.1192



117.0810, -9.8999, -44.7980



134.1770, 28.5067, 3.3528

Square

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



117.0810, -9.8999, -44.7980



106.6440, 43.0665, -93.5268



135.4280, 14.5790, 37.3356



130.5390, -30.8317, 42.5003

Rectangle

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



117.0810, -9.8999, -44.7980



106.0620, 25.6054, -93.0164



135.4280, 14.5790, 37.3356



132.0460, -12.8407, 58.7187

Sweetspot

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



117.0810, -9.8999, -44.7980



179.1520, -4.0189, -17.6733



128.7960, -30.9584, -10.3451



89.9510, -2.4408, -10.4810



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



117.0810, -9.8999, -44.7980



144.4340, -15.4970, -69.6636



121.5270, 7.1352, -48.6972



71.3370, -1.1521, -3.8035



87.0480, -16.7857, -76.3411



6.3260, -1.1467, -5.5479

Inverse Universe

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



95.9190, 9.8999, 44.7980



111.5660, 15.4970, 69.6636



91.4730, -7.1352, 48.6972



69.5490, 0.7153, 3.9035



50.9520, 16.7857, 76.3411



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 117.0810, -9.8999, -44.7980 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 117.0810, -9.8999, -44.7980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

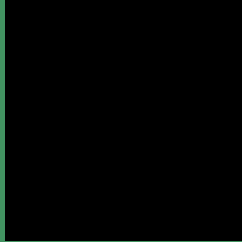
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.0810, -9.8999, -44.7980

Background



This preview shows how black text looks on a background with the YUV color 117.0810, -9.8999, -44.7980.



This preview shows how white text looks on a background with the YUV color 117.0810, -9.8999, -44.7980.

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

117.0810, -9.8999, -44.7980

Protanopia

129.3160, -19.3828, 10.2469

Deuteranopia

130.7500, -14.1738, 19.5132



Tritanopia

123.7270, 13.9386, -37.4716

Trichromacy



Original Color

117.0810, -9.8999, -44.7980

Protanomaly

125.1070, -15.8288, -9.7408

Deuteranomaly

125.6500, -12.6455, -4.0781

Tritanomaly

121.7130, 5.0715, -40.0903

Monochromacy



Original Color

117.0810, -9.8999, -44.7980

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.9780, -3.4402, -16.6437

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.0810, -9.8999, -44.7980 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(66, 147, 97)` looks like.

```
.text, #text, p{  
    color:rgb(66, 147, 97)  
}
```

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(66, 147, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 147, 97) }
```

Border

The CSS property to change the border of an element to YUV 117.0810, -9.8999, -44.7980 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(66, 147, 97) }
```


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

```
.border{ border-color:rgb(66, 147, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 147, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 147, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 147, 97);  
box-shadow:4px 4px 4px 4px rgb(66, 147,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 117.0810, -9.8999, -44.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 147, 97) }
```

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

```
.background{ background-color: rgb(66, 147,  
97) }
```

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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