

Converting Colors

YUV(119.7410, 9.4947,
-12.0509)

Have a look what the booklet for
YUV(119.7410, 9.4947, -12.0509)
contains.

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Color

**YUV(119.7410, 9.4947,
-12.0509)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7B8B
RGB	106, 123, 139
RGB Percent	42%, 48%, 55%
CMY	0.5843, 0.5176, 0.4549
CMYK	0.24, 0.12, 0.00, 0.45
HSL	209°, 13%, 48%
HSV	209°, 24%, 55%
XYZ	17.6870, 19.0942, 27.1794
YIQ	119.7410, -15.2680, 1.3720

Conversions

Conversions Part 2

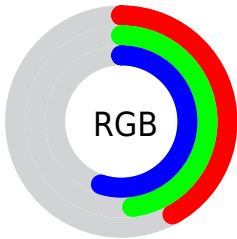
Format	Color
R_{YB}	106, 117, 139
Decimal	6978443
CIE _{Lab}	50.80, -2.46, -10.76
CIE _{LCh}	51, 11.039, 257.118
Yxy	19.0942, 0.2765, 0.2985
Android (android.graphics.Color)	4285168523 (0xFF6A7B8B)
YUV	119.7410, 9.4947, -12.0509
Hunter-Lab	43.6969, -4.2188, -6.2905

Details

The YUV color **119.7410, 9.4947, -12.0509** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **125.2590, -9.4947, 12.0509**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8550, 9.9315, -12.1508**, and **70.9260, 8.9105, -11.3361** is the 20% darker color. If you saturate the color by 10%, you get **111.4460, 13.5841, -17.0541**, and if you desaturate by 10%, it is **128.0360, 5.4053, -7.0476**.

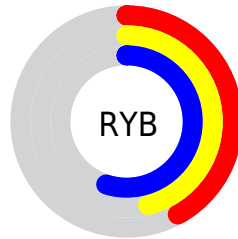
Distribution



Red (42%)

Green (48%)

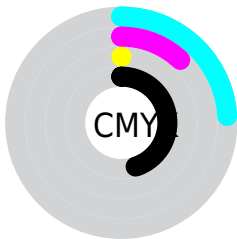
Blue (55%)



Red (42%)

Yellow (46%)

Blue (55%)

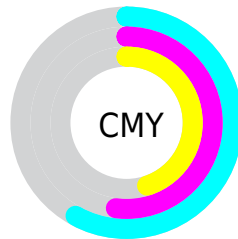


Cyan (24%)

Magenta (12%)

Yellow (0%)

Black (45%)



Cyan (58%)

Magenta (52%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.7410, 9.4947, -12.0509 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 119.7410, 9.4947, -12.0509 by changing the saturation by 10% instead.

■ 119.7410, 9.4947,
-12.0509

■ 119.7410, 9.4947,
-12.0509

■ 255.0000, 0.0000,
0.0000

■ 94.7410, 9.4947,
-12.0509

■ 171.8550, 9.9315,
-12.1508

■ 70.9260, 8.9105,
-11.3361

■ 199.5560, 10.0789,
-12.7656

■ 48.5130, 8.6211,
-11.8509

■ 227.6700, 10.5157,
-12.8656

■ 27.1000, 8.3317,
-12.3657

■ 250.8140, 2.0637,
-8.6069

■ 6.1440, 8.3100,
-5.3883

■ 0.0000, 0.0000,
0.0000

■ 119.7410, 9.4947,
-12.0509

■ 119.7410, 9.4947,
-12.0509

■ 111.4460, 13.5841,
-17.0541

■ 128.0360, 5.4053,
-7.0476

■ 103.7380, 17.3842,
-22.5722

■ 135.7440, 1.6052,
-1.5295

■ 95.4430, 21.4736,
-27.5755

■ 144.0390, -2.4842,
3.4738

■ 87.1480, 25.5630,
-32.5788

■ 152.3340, -6.5737,
8.4771

■ 79.1520, 29.5051,
-36.9673

■ 160.6290,
-10.6631, 13.4804

■ 71.4440, 33.3051,
-42.4854

■ 168.0380,
-14.3157, 18.3837

■ 63.1490, 37.3945,
-47.4887


■ 176.3330,
-18.4052, 23.3870

■ 58.1100, 39.8788,

■ 184.6280,

-50.9625

-22.4946, 28.3902

 192.9230,
-26.5840, 33.3935

Harmonies

Analogous

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



117.9530, 7.9112, -17.4988



119.7410, 9.4947, -12.0509



121.5680, 8.5940, -3.1291

Triad

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



119.7410, 9.4947, -12.0509



122.8880, -3.3958, 15.8842



119.1750, -5.5093, -6.2925

Complementary

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



119.7410, 9.4947, -12.0509



125.2590, -9.4947, 12.0509

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.



120.1330, -8.4466, 2.5144



119.7410, 9.4947, -12.0509



121.9650, -6.8847, 14.9397

Square

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



119.7410, 9.4947, -12.0509



123.0170, 0.9776, 13.1401



121.0630, -8.9051, 9.5917



117.6840, -0.8302, -13.7549

Rectangle

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



119.7410, 9.4947, -12.0509



122.4440, 6.6831, 3.1186



121.0630, -8.9051, 9.5917



119.5560, -6.6831, -3.1186

Sweetspot

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



119.7410, 9.4947, -12.0509



173.5910, 3.6526, -4.9033



127.1950, -2.5611, -18.5880



87.2600, 2.3368, -2.8590



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



119.7410, 9.4947, -12.0509



151.0760, 14.7525, -18.4837



110.3490, 14.1249, -3.8141



65.1460, 1.9000, -2.7590



55.0780, 38.4155, -48.3034



2.3310, 1.3158, -2.0443

Inverse Universe

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



117.8050, 2.5611, 18.5880



148.2130, 3.8390, 28.7542



134.6510, -14.1249, 3.8141



64.5490, 0.7153, 3.9035



47.5190, 10.0971, 74.9668



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 119.7410, 9.4947, -12.0509 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 119.7410, 9.4947, -12.0509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

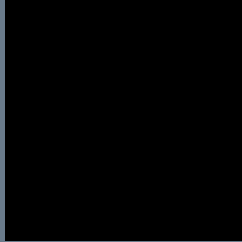
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

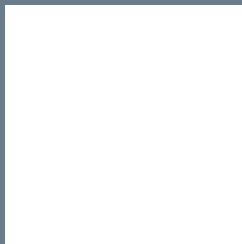
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 119.7410, 9.4947, -12.0509

Background



This preview shows how black text looks on a background with the YUV color 119.7410, 9.4947, -12.0509.



This preview shows how white text looks on a background with the YUV color 119.7410, 9.4947,

-12.0509.

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

119.7410, 9.4947, -12.0509

Protanopia

121.3400, 7.7204, -2.9292

Deuteranopia

122.0030, 8.8725, 0.8744



Tritanopia

119.4590, 7.1687, -12.6805

Trichromacy



Original Color

119.7410, 9.4947, -12.0509

Protanomaly

120.8450, 8.4574, -6.0031

Deuteranomaly

121.3830, 9.1782, -3.8439

Tritanomaly

119.6870, 8.0423, -12.8805

Monochromacy



Original Color

119.7410, 9.4947, -12.0509

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.8900, 3.5052, -4.2885

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.7410, 9.4947, -12.0509 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(106, 123, 139)` looks like.

```
.text, #text, p{  
    color:rgb(106, 123, 139)  
}
```

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(106, 123, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 123, 139) }
```

Border

The CSS property to change the border of an element to YUV 119.7410, 9.4947, -12.0509 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(106, 123, 139) }
```


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

```
.border{ border-color:rgb(106, 123, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 123, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 123, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 123, 139);  
box-shadow:4px 4px 4px 4px rgb(106, 123,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 119.7410, 9.4947, -12.0509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 123, 139) }
```

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

```
.background{ background-color: rgb(106,  
123, 139) }
```

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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