

Converting Colors

YUV(109.7140, -9.7190, -9.3962)

Have a look what the booklet for
YUV(109.7140, -9.7190, -9.3962)
contains.

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Color

**YUV(109.7140, -9.7190,
-9.3962)**

Conversions

Conversions Part 1

Format	Color
Hex	63775A
RGB	99, 119, 90
RGB Percent	39%, 47%, 35%
CMY	0.6118, 0.5333, 0.6471
CMYK	0.17, 0.00, 0.24, 0.53
HSL	101°, 14%, 41%
HSV	101°, 24%, 47%
XYZ	13.5879, 16.5845, 12.1578
YIQ	109.7140, -2.6110, -13.2590

Conversions

Conversions Part 2

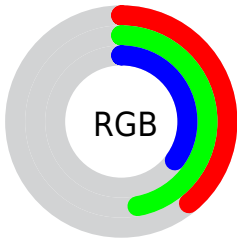
Format	Color
R_{YB}	90, 119, 110
Decimal	6518618
CIE Lab	47.73, -13.27, 13.58
CIE LCh	48, 18.981, 134.341
Yxy	16.5845, 0.3210, 0.3918
Android (android.graphics.Color)	4284708698 (0xFF63775A)
YUV	109.7140, -9.7190, -9.3962
Hunter-Lab	40.7241, -11.7093, 10.8063

Details

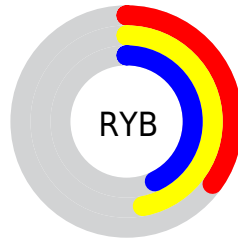
The YUV color **109.7140, -9.7190, -9.3962** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **99.2860, 9.7190, 9.3962**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.1870, -10.4452, -9.8110**, and **62.2410, -8.9928, -8.9814** is the 20% darker color. If you saturate the color by 10%, you get **105.9540, -13.7813, -13.1147**, and if you desaturate by 10%, it is **113.4740, -5.6567, -5.6777**.

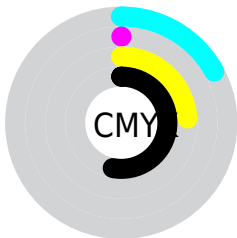
Distribution



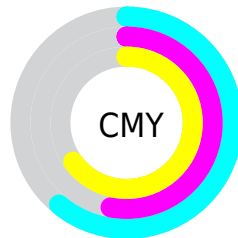
- Red (39%)
- Green (47%)
- Blue (35%)



- Red (35%)
- Yellow (47%)
- Blue (43%)



- Cyan (17%)
- Magenta (0%)
- Yellow (24%)
- Black (53%)



- Cyan (61%)
- Magenta (53%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.7140, -9.7190, -9.3962 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 109.7140, -9.7190, -9.3962 by changing the saturation by 10% instead.

109.7140, -9.7190,
-9.3962

109.7140, -9.7190,
-9.3962

255.0000, 0.0000,
0.0000

85.1270, -9.4296,
-8.8814

161.1870,
-10.4452, -9.8110

62.2410, -8.9928,
-8.9814

188.7740,
-10.7346, -10.3258

39.7680, -8.2666,
-8.5665

216.3610,
-11.0240, -10.8406

19.1270, -9.4296,
-8.8814

244.6600,
-11.1714, -10.2258

0.0000, 0.0000,
0.0000

254.4300, -2.1840,
0.4999

■ 109.7140, -9.7190,
-9.3962

■ 109.7140, -9.7190,
-9.3962

■ 105.9540,
-13.7813, -13.1147

■ 113.4740, -5.6567,
-5.6777

■ 102.1940,
-17.8436, -16.8331

■ 117.2340, -1.5944,
-1.9592

■ 98.1350, -21.7586,
-21.1664

■ 121.2930, 2.3206,
2.3740

■ 94.3750, -25.8209,
-24.8849

■ 125.0530, 6.3829,
6.0925

■ 90.6150, -29.8832,
-28.6034

■ 128.6990, 10.0084,
9.9110

■ 86.9690, -33.5087,
-32.4218

■ 132.4590, 14.0707,
13.6295

■ 83.2090, -37.5710,
-36.1403

■ 136.2190, 18.1330,
17.3479

■ 80.9160, -39.8916,

■ 140.2780, 22.0479,

-38.5143

21.6812

■ 144.0380, 26.1103,
25.3997

Harmonies

Analogous

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



111.8360, -14.7091, 4.5288



109.7140, -9.7190, -9.3962



107.6890, -1.8187, -23.4063

Triad

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



109.7140, -9.7190, -9.3962



109.6130, 16.9528, -24.2166



115.6120, -4.7387, 26.6503

Complementary

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



109.7140, -9.7190, -9.3962



99.2860, 9.7190, 9.3962

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.



116.2290, 2.8451, 20.8472



109.7140, -9.7190, -9.3962



113.2560, 15.1568, -8.1175

Square

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



109.7140, -9.7190, -9.3962



106.7490, 13.9277, -33.9829



115.6880, 10.0138, 8.1666



114.2930, -10.9904, 25.1760

Rectangle

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



109.7140, -9.7190, -9.3962



105.9530, 4.4602, -30.6538



115.6880, 10.0138, 8.1666



115.8830, -2.4073, 25.5356

Sweetspot

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



109.7140, -9.7190, -9.3962



152.3540, -3.6255, -3.8185



110.4110, -10.0626, 7.5326



77.1200, -2.0312, -1.8592



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



109.7140, -9.7190, -9.3962



141.1880, -15.3757, -15.0739



107.5930, -6.2083, -15.4291



57.1200, -2.0312, -1.8592



82.9760, -40.9072, -39.4440



170.0720, -83.8455, -80.7471

Inverse Universe

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



99.2860, 9.7190, 9.3962



124.8120, 15.3757, 15.0739



101.4070, 6.2083, 15.4291



54.8800, 2.0312, 1.8592



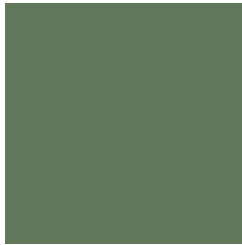
39.0240, 40.9072, 39.4440



79.9280, 83.8455, 80.7471

Previews

White Background



This preview shows how the YUV color 109.7140, -9.7190, -9.3962 looks on a white 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

Black Background



This preview shows how the YUV color 109.7140, -9.7190, -9.3962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

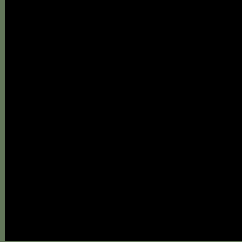
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.7140, -9.7190, -9.3962

Background



This preview shows how black text looks on a background with the YUV color 109.7140, -9.7190, -9.3962.



This preview shows how white text looks on a background with the YUV color 109.7140, -9.7190,

-9.3962.

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

109.7140, -9.7190, -9.3962

Protanopia

112.4280, -12.5360, 7.5176

Deuteranopia

113.6400, -10.6685, 15.2247



Tritanopia

112.7370, 5.5527, -7.6623

Trichromacy



Original Color

109.7140, -9.7190, -9.3962

Protanomaly

111.3240, -11.4987, 1.4699

Deuteranomaly

112.2860, -10.4940, 5.8882

Tritanomaly

111.3580, 0.3165, -8.2070

Monochromacy



Original Color

109.7140, -9.7190, -9.3962

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.7670, -3.3361, -3.3037

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.7140, -9.7190, -9.3962 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(99, 119, 90)` looks like.

```
.text, #text, p{  
    color:rgb(99, 119, 90)  
}
```

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(99, 119, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 119, 90) }
```

Border

The CSS property to change the border of an element to YUV 109.7140, -9.7190, -9.3962 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(99, 119, 90) }
```


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

```
.border{ border-color:rgb(99, 119, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 119, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 119, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 119, 90);  
box-shadow:4px 4px 4px 4px rgb(99, 119,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 109.7140, -9.7190, -9.3962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 119, 90) }
```

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

```
.background{ background-color: rgb(99, 119,  
90) }
```

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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