

Converting Colors

YUV(109.9480, -11.3134,
-11.3554)

Have a look what the booklet for
YUV(109.9480, -11.3134, -11.3554)
contains.

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Color

**YUV(109.9480, -11.3134,
-11.3554)**

Conversions

Conversions Part 1

Format	Color
Hex	617957
RGB	97, 121, 87
RGB Percent	38%, 47%, 34%
CMY	0.6196, 0.5255, 0.6588
CMYK	0.20, 0.00, 0.28, 0.53
HSL	102°, 16%, 41%
HSV	102°, 28%, 47%
XYZ	13.4874, 16.9043, 11.5688
YIQ	109.9480, -3.3900, -15.6620

Conversions

Conversions Part 2

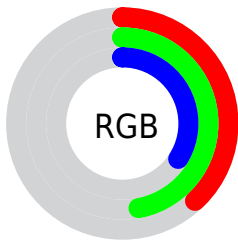
Format	Color
R_{YB}	87, 121, 111
Decimal	6388055
CIE _{Lab}	48.14, -15.67, 15.86
CIE _{LCh}	48, 22.291, 134.652
Yxy	16.9043, 0.3214, 0.4029
Android (android.graphics.Color)	4284578135 (0xFF617957)
YUV	109.9480, -11.3134, -11.3554
Hunter-Lab	41.1148, -13.3951, 12.0974

Details

The YUV color **109.9480, -11.3134, -11.3554** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **98.0520, 11.3134, 11.3554**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4210, -12.0396, -11.7702**, and **61.8880, -10.2978, -10.4258** is the 20% darker color. If you saturate the color by 10%, you get **105.8890, -15.2283, -15.6887**, and if you desaturate by 10%, it is **114.0070, -7.3985, -7.0221**.

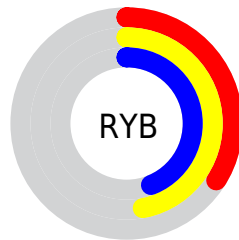
Distribution



Red (38%)

Green (47%)

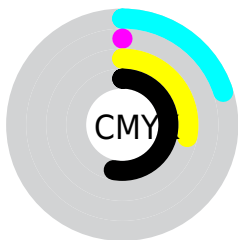
Blue (34%)



Red (34%)

Yellow (47%)

Blue (44%)

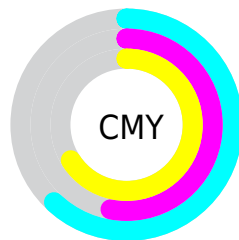


Cyan (20%)

Magenta (0%)

Yellow (28%)

Black (53%)



Cyan (62%)

Magenta (53%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.9480, -11.3134, -11.3554 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 109.9480, -11.3134, -11.3554 by changing the saturation by 10% instead.

■ 109.9480,
-11.3134, -11.3554

■ 109.9480,
-11.3134, -11.3554

■ 255.0000, 0.0000,
0.0000

■ 85.4750, -10.5872,
-10.9406

■ 161.4210,
-12.0396, -11.7702

■ 61.8880, -10.2978,
-10.4258

■ 188.8940,
-12.7657, -12.1850

■ 40.0020, -9.8610,
-10.5258

■ 216.4810,
-13.0551, -12.6998

■ 18.5180, -9.1294,
-11.8553

■ 243.6060,
-12.6238, -11.0555

■ 0.0000, 0.0000,
0.0000

■ 254.0880, -3.4944,
0.7998

■ 109.9480,
-11.3134, -11.3554

■ 109.9480,
-11.3134, -11.3554

■ 105.8890,
-15.2283, -15.6887

■ 114.0070, -7.3985,
-7.0221

■ 102.1290,
-19.2906, -19.4071

■ 117.7670, -3.3361,
-3.3037

■ 98.0700, -23.2055,
-23.7404

■ 121.8260, 0.5788,
1.0296

■ 94.3100, -27.2678,
-27.4589

■ 125.5860, 4.6411,
4.7481

■ 90.2510, -31.1827,
-31.7921

■ 129.6450, 8.5560,
9.0813

■ 86.3770, -35.6819,
-35.4106

■ 133.5190, 13.0551,
12.6998

■ 82.3180, -39.5968,
-39.7439

■ 137.5780, 16.9700,
17.0331

■ 81.7910, -40.3230,

■ 141.3380, 21.0324,

-40.1587

20.7516

■ 145.3970, 24.9473,
25.0848

Harmonies

Analogous

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



112.2660, -16.8931, 5.0287



109.9480, -11.3134, -11.3554



107.0690, -1.5130, -28.1245

Triad

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



109.9480, -11.3134, -11.3554



109.6770, 19.8792, -29.5347



116.2320, -5.0444, 31.3685

Complementary

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



109.9480, -11.3134, -11.3554



98.0520, 11.3134, 11.3554

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.



116.8920, 3.9972, 24.6507



109.9480, -11.3134, -11.3554



114.2280, 17.6356, -9.8470

Square

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



109.9480, -11.3134, -11.3554



104.9050, 17.3018, -42.8897



116.5680, 12.0450, 10.0259



115.4460, -13.0379, 28.5499

Rectangle

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



109.9480, -11.3134, -11.3554



105.2510, 5.7923, -37.9311



116.5680, 12.0450, 10.0259



116.6170, -2.2762, 30.1539

Sweetspot

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



109.9480, -11.3134, -11.3554



153.8270, -4.3517, -4.2333



111.2540, -11.9572, 8.5472



76.2940, -2.6099, -2.8888



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.



109.9480, -11.3134, -11.3554



140.4820, -17.9856, -17.9627



107.7560, -6.7817, -18.2030



59.1200, -2.0312, -1.8592



84.4380, -41.6279, -41.6031



170.0500, -83.8346, -84.2358

Inverse Universe

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



98.0520, 11.3134, 11.3554



121.5180, 17.9856, 17.9627



100.2440, 6.7817, 18.2030



56.8800, 2.0312, 1.8592



40.5620, 41.6279, 41.6031



81.9500, 83.8347, 84.2358

Previews

White Background



This preview shows how the YUV color 109.9480, -11.3134, -11.3554 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 109.9480, -11.3134, -11.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

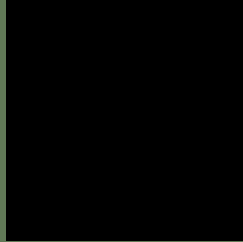
Any Text WCAG AA × Fail

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 109.9480, -11.3134, -11.3554 Background



This preview shows how black text looks on a background with the YUV color 109.9480, -11.3134, -11.3554.



This preview shows how white text looks on a background with the YUV color 109.9480, -11.3134, -11.3554.

-11.3554.

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

109.9480, -11.3134, -11.3554

Protanopia

112.9720, -14.2832, 7.9176

Deuteranopia

113.8960, -12.2737, 16.7542



Tritanopia

113.1390, 5.8475, -8.8919

Trichromacy



Original Color

109.9480, -11.3134, -11.3554

Protanomaly

112.1560, -13.3879, 0.7402

Deuteranomaly

112.2430, -11.9518, 6.8029

Tritanomaly

112.1190, -0.5517, -9.7514

Monochromacy



Original Color

109.9480, -11.3134, -11.3554

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9410, -3.9149, -4.3333

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.9480, -11.3134, -11.3554 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(97, 121, 87)` looks like.

```
.text, #text, p{  
    color:rgb(97, 121, 87)  
}
```

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(97, 121, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 121, 87) }
```

Border

The CSS property to change the border of an element to YUV 109.9480, -11.3134, -11.3554 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(97, 121, 87) }
```


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

```
.border{ border-color:rgb(97, 121, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 121, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 121, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 121, 87);  
box-shadow:4px 4px 4px 4px rgb(97, 121,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 109.9480, -11.3134, -11.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 121, 87) }
```

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

```
.background{ background-color: rgb(97, 121,  
87) }
```

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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