

Converting Colors

YUV(111.0250, 1.9597,
-21.9469)

Have a look what the booklet for
YUV(111.0250, 1.9597, -21.9469)
contains.

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Color

**YUV(111.0250, 1.9597,
-21.9469)**

Conversions

Conversions Part 1

Format	Color
Hex	567B73
RGB	86, 123, 115
RGB Percent	34%, 48%, 45%
CMY	0.6627, 0.5176, 0.5490
CMYK	0.30, 0.00, 0.07, 0.52
HSL	167°, 18%, 41%
HSV	167°, 30%, 48%
XYZ	14.0152, 17.3822, 18.8361
YIQ	111.0250, -19.4840, -10.3320

Conversions

Conversions Part 2

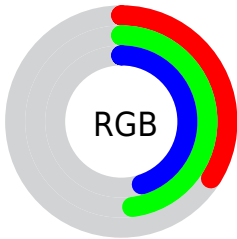
Format	Color
R_{YB}	86, 107, 123
Decimal	5667699
CIE _{Lab}	48.74, -14.89, 0.18
CIE _{LCh}	49, 14.890, 179.317
Yxy	17.3822, 0.2790, 0.3460
Android (android.graphics.Color)	4283857779 (0xFF567B73)
YUV	111.0250, 1.9597, -21.9469
Hunter-Lab	41.6919, -12.9560, 2.3976

Details

The YUV color **111.0250, 1.9597, -21.9469** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **97.9750, -1.9597, 21.9469**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.3130, 1.8177, -23.0765**, and **62.4380, 2.2491, -21.4321** is the 20% darker color. If you saturate the color by 10%, you get **107.0950, 2.4182, -29.0243**, and if you desaturate by 10%, it is **114.9550, 1.5012, -14.8695**.

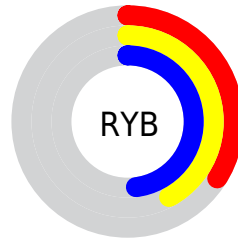
Distribution



Red (34%)

Green (48%)

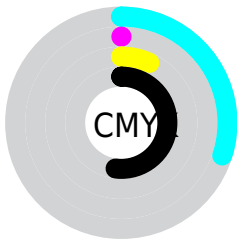
Blue (45%)



Red (34%)

Yellow (42%)

Blue (48%)

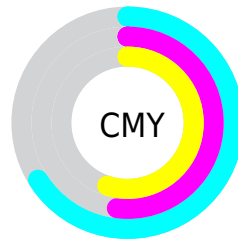


Cyan (30%)

Magenta (0%)

Yellow (7%)

Black (52%)



Cyan (66%)

Magenta (52%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.0250, 1.9597, -21.9469 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 111.0250, 1.9597, -21.9469 by changing the saturation by 10% instead.

■ 111.0250, 1.9597,
-21.9469

■ 111.0250, 1.9597,
-21.9469

■ 255.0000, 0.0000,
0.0000

■ 86.3240, 1.8123,
-21.3321

■ 163.3130, 1.8177,
-23.0765

■ 62.4380, 2.2491,
-21.4321

■ 190.3130, 1.8177,
-23.0765

■ 39.5520, 2.6859,
-21.5321

■ 218.0140, 1.9651,
-23.6913

■ 20.3460, 1.8014,
-17.8434

■ 243.6660, 3.1227,
-21.6321

■ 0.0000, 0.0000,
0.0000

■ 252.9070, 1.0318,
-4.3034

■ 111.0250, 1.9597,
-21.9469

■ 111.0250, 1.9597,
-21.9469

■ 107.0950, 2.4182,
-29.0243

■ 114.9550, 1.5012,
-14.8695

■ 102.9800, 3.4609,
-36.8165

■ 119.0700, 0.4585,
-7.0774

■ 99.0500, 3.9194,
-43.8938

■ 123.0000, 0.0000,
0.0000

■ 95.1200, 4.3778,
-50.9712

■ 126.9300, -0.4585,
7.0774

■ 91.3040, 5.2731,
-58.1486

■ 131.0450, -1.5012,
14.8695

■ 87.0750, 5.8790,
-65.8408

■ 134.9750, -1.9597,
21.9469

■ 83.1450, 6.3375,
-72.9182

■ 138.9050, -2.4182,
29.0243

■ 142.7210, -3.3135,

36.2017

■ 146.9500, -3.9193,
43.8939

Harmonies

Analogous

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



112.6580, -4.7614, -12.8551



111.0250, 1.9597, -21.9469



111.0120, 8.3751, -26.3205

Triad

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



111.0250, 1.9597, -21.9469



117.3450, 10.1829, 0.5744



116.6510, -10.6739, 16.9691

Complementary

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



111.0250, 1.9597, -21.9469



97.9750, -1.9597, 21.9469

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.



117.7100, -6.7590, 21.3023



111.0250, 1.9597, -21.9469



118.1570, 5.3456, 12.1403

Square

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



111.0250, 1.9597, -21.9469



114.9520, 12.8417, -12.2359



118.0070, -0.4965, 19.2879



115.5530, -12.1046, 9.1620

Rectangle

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



111.0250, 1.9597, -21.9469



111.4190, 11.1324, -24.0465



118.0070, -0.4965, 19.2879



116.6020, -9.6638, 19.6430

Sweetspot

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



111.0250, 1.9597, -21.9469



156.1730, 0.9007, -8.9217



110.1110, -11.8867, -14.1293



79.0810, 0.4531, -5.3330



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



111.0250, 1.9597, -21.9469



142.1760, 2.8712, -34.3574



106.0670, 8.3480, -17.5988



59.0920, 0.4476, -3.5887



84.5470, 6.6323, -74.1477



170.4960, 13.5595, -149.5250

Inverse Universe

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



97.9750, -1.9597, 21.9469



121.7100, -3.3080, 34.4573



102.9330, -8.3480, 17.5988



56.9080, -0.4476, 3.5887



40.4530, -6.6323, 74.1477



81.6180, -13.1227, 149.4250

Previews

White Background



This preview shows how the YUV color 111.0250, 1.9597, -21.9469 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 111.0250, 1.9597, -21.9469 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 111.0250, 1.9597, -21.9469

Background



This preview shows how black text looks on a background with the YUV color 111.0250, 1.9597, -21.9469.



This preview shows how white text looks on a background with the YUV color 111.0250, 1.9597, -21.9469.

-21.9469.

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

111.0250, 1.9597, -21.9469

Protanopia

115.6260, -2.7736, 2.9590

Deuteranopia

116.7560, 0.1203, 8.1070



Tritanopia

112.4580, 8.6482, -20.5727

Trichromacy



Original Color

111.0250, 1.9597, -21.9469

Protanomaly

114.0270, -0.9993, -6.1627

Deuteranomaly

114.5050, 0.7370, -3.0739

Tritanomaly

112.1760, 6.3222, -21.2024

Monochromacy



Original Color

111.0250, 1.9597, -21.9469

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.7710, 0.6059, -7.6922

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.0250, 1.9597, -21.9469 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(86, 123, 115)` looks like.

```
.text, #text, p{  
    color:rgb(86, 123, 115)  
}
```

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(86, 123, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 123, 115) }
```

Border

The CSS property to change the border of an element to YUV 111.0250, 1.9597, -21.9469 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(86, 123, 115) }
```


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

```
.border{ border-color:rgb(86, 123, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 123, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 123, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 123, 115);  
box-shadow:4px 4px 4px 4px rgb(86, 123,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 111.0250, 1.9597, -21.9469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 123, 115) }
```

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

```
.background{ background-color: rgb(86, 123,  
115) }
```

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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