

Converting Colors

YUV(121.3900, -5.1223,
-37.1760)

Have a look what the booklet for
YUV(121.3900, -5.1223, -37.1760)
contains.

YUV(121.3900, -5.1223, -37.1760)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(121.3900, -5.1223,
-37.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	4F916F
RGB	79, 145, 111
RGB Percent	31%, 57%, 44%
CMY	0.6902, 0.4314, 0.5647
CMYK	0.46, 0.00, 0.23, 0.43
HSL	149°, 29%, 44%
HSV	149°, 46%, 57%
XYZ	16.2191, 23.0608, 18.6353
YIQ	121.3900, -28.4220, -24.5660

Conversions

Conversions Part 2

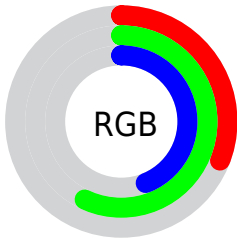
Format	Color
RYB	79, 123, 145
Decimal	5214575
CIELab	55.13, -29.28, 11.60
CIELCh	55, 31.499, 158.384
Yxy	23.0608, 0.2800, 0.3982
Android (android.graphics.Color)	4283404655 (0xFF4F916F)
YUV	121.3900, -5.1223, -37.1760
Hunter-Lab	48.0216, -23.7502, 10.6071

Details

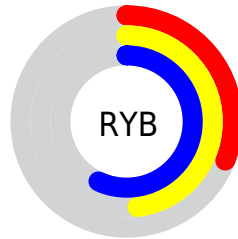
The YUV color **121.3900, -5.1223, -37.1760** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **102.6100, 5.1223, 37.1760**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.8630, -5.8485, -37.5909**, and **69.8350, -3.3697, -39.3203** is the 20% darker color. If you saturate the color by 10%, you get **116.4060, -6.1162, -45.0831**, and if you desaturate by 10%, it is **126.6730, -4.2758, -28.6542**.

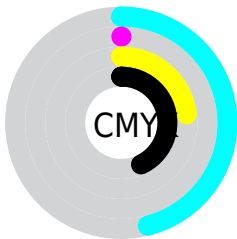
Distribution



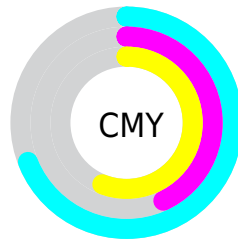
- Red (31%)
- Green (57%)
- Blue (44%)



- Red (31%)
- Yellow (48%)
- Blue (57%)



- Cyan (46%)
- Magenta (0%)
- Yellow (23%)
- Black (43%)



- Cyan (69%)
- Magenta (43%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.3900, -5.1223, -37.1760 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 121.3900, -5.1223, -37.1760 by changing the saturation by 10% instead.

121.3900, -5.1223,
-37.1760

121.3900, -5.1223,
-37.1760

255.0000, 0.0000,
0.0000

95.6180, -4.2487,
-37.3760

174.8630, -5.8485,
-37.5909

69.8350, -3.3697,
-39.3203

203.0370, -6.4272,
-38.6204

45.7640, -2.3487,
-40.1350

230.4500, -6.1379,
-38.1057

29.9830, -4.4286,
-26.2951

242.0140, 1.9651,
-23.6913

15.8490, -7.8136,
-13.8996

251.7110, 1.6215,
-6.7625

0.0000, 0.0000,
0.0000

■ 121.3900, -5.1223,
-37.1760

■ 121.3900, -5.1223,
-37.1760

■ 116.4060, -6.1162,
-45.0831

■ 126.6730, -4.2758,
-28.6542

■ 111.0090, -7.3994,
-53.5049

■ 131.7710, -2.8451,
-20.8472

■ 105.7260, -8.2459,
-62.0267

■ 137.0540, -1.9986,
-12.3254

■ 100.6280, -9.6766,
-69.8338

■ 142.1520, -0.5679,
-4.5183

■ 95.3450, -10.5231,
-78.3556

■ 147.4350, 0.2785,
4.0035

■ 93.0950, -11.3858,
-81.6443

■ 152.5330, 1.7092,
11.8106

■ 157.8160, 2.5557,
20.3324

■ 162.9140, 3.9864,

28.1394

■ 168.1970, 4.8329,
36.6612

Harmonies

Analogous

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



125.9990, -18.7335, -11.4001



121.3900, -5.1223, -37.1760



113.7960, 12.4256, -65.5961

Triad

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



121.3900, -5.1223, -37.1760



130.0830, 27.5671, -21.9978



133.2090, -16.8650, 42.7897

Complementary

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



121.3900, -5.1223, -37.1760



102.6100, 5.1223, 37.1760

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.



134.7220, -4.7929, 44.0938



121.3900, -5.1223, -37.1760



134.9190, 19.7599, 8.8410

Square

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



121.3900, -5.1223, -37.1760



119.6720, 30.7277, -55.8403



135.7880, 8.4855, 31.7579



131.4820, -24.3946, 31.1493

Rectangle

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



121.3900, -5.1223, -37.1760



106.8890, 24.7047, -84.0947



135.7880, 8.4855, 31.7579



133.5450, -13.0867, 44.2490

Sweetspot

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



121.3900, -5.1223, -37.1760



179.3310, -2.1352, -15.1993



127.9080, -24.1116, -13.0743



88.3040, -1.1359, -9.0366



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



121.3900, -5.1223, -37.1760



151.7480, -8.2568, -58.5380



125.1520, 9.2921, -40.4753



68.5650, -0.2785, -4.0035



86.7690, -10.2391, -76.0964



5.1520, -0.5679, -4.5183

Inverse Universe

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



102.6100, 5.1223, 37.1760



122.1380, 7.8200, 58.6380



98.8480, -9.2921, 40.4753



66.5490, 0.7153, 3.9035



48.3450, 10.6759, 75.9964



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 121.3900, -5.1223, -37.1760 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 121.3900, -5.1223, -37.1760 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 121.3900, -5.1223, -37.1760

Background



This preview shows how black text looks on a background with the YUV color 121.3900, -5.1223, -37.1760.



This preview shows how white text looks on a background with the YUV color 121.3900, -5.1223, -37.1760.

-37.1760.

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

121.3900, -5.1223, -37.1760

Protanopia

130.6130, -13.1202, 8.2324

Deuteranopia

131.9220, -8.3425, 15.8544



Tritanopia

126.0050, 12.3225, -32.4534

Trichromacy



Original Color

121.3900, -5.1223, -37.1760

Protanomaly

127.3120, -10.0138, -8.1666

Deuteranomaly

128.1430, -6.9725, -3.6334

Tritanomaly

124.2730, 5.7814, -34.4424

Monochromacy



Original Color

121.3900, -5.1223, -37.1760

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.3420, -2.1406, -13.4549

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.3900, -5.1223, -37.1760 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(79, 145, 111)` looks like.

```
.text, #text, p{  
    color:rgb(79, 145, 111)  
}
```

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(79, 145, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 145, 111) }
```

Border

The CSS property to change the border of an element to YUV 121.3900, -5.1223, -37.1760 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(79, 145, 111) }
```


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

```
.border{ border-color:rgb(79, 145, 111) }
```

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

Here you see how a box with a 4 pixel rgb(79, 145, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 145, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 145, 111);  
box-shadow:4px 4px 4px 4px rgb(79, 145,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 121.3900, -5.1223, -37.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 145, 111) }
```

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

```
.background{ background-color: rgb(79, 145,  
111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor