

Converting Colors

YUV(115.3850, 12.6282,
-37.1716)

Have a look what the booklet for
YUV(115.3850, 12.6282, -37.1716)
contains.

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Color

**YUV(115.3850, 12.6282,
-37.1716)**

Conversions

Conversions Part 1

Format	Color
Hex	49848D
RGB	73, 132, 141
RGB Percent	29%, 52%, 55%
CMY	0.7137, 0.4824, 0.4471
CMYK	0.48, 0.06, 0.00, 0.45
HSL	188°, 32%, 42%
HSV	188°, 48%, 55%
XYZ	15.8066, 19.8421, 28.1961
YIQ	115.3850, -38.0530, -9.7090

Conversions

Conversions Part 2

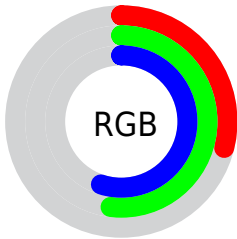
Format	Color
R _Y B	73, 105, 141
Decimal	4818061
CIE Lab	51.66, -16.67, -10.83
CIE LCh	52, 19.877, 213.005
Yxy	19.8421, 0.2476, 0.3108
Android (android.graphics.Color)	4283008141 (0xFF49848D)
YUV	115.3850, 12.6282, -37.1716
Hunter-Lab	44.5445, -14.6119, -6.3487

Details

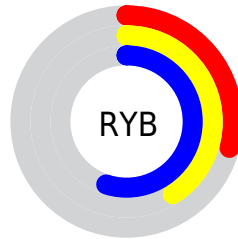
The YUV color **115.3850, 12.6282, -37.1716** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **98.6150, -12.6282, 37.1716**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4990, 13.0650, -37.2716**, and **62.6940, 13.9549, -42.7046** is the 20% darker color. If you saturate the color by 10%, you get **110.0250, 15.2707, -44.7489**, and if you desaturate by 10%, it is **120.7450, 9.9857, -29.5944**.

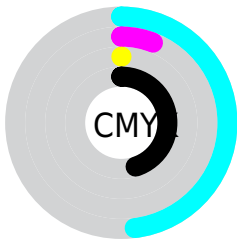
Distribution



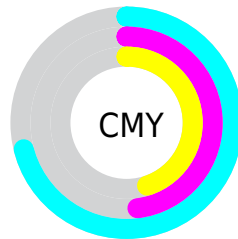
- Red (29%)
- Green (52%)
- Blue (55%)



- Red (29%)
- Yellow (41%)
- Blue (55%)



- Cyan (48%)
- Magenta (6%)
- Yellow (0%)
- Black (45%)



- Cyan (71%)
- Magenta (48%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.3850, 12.6282, -37.1716 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 115.3850, 12.6282, -37.1716 by changing the saturation by 10% instead.

■ 115.3850, 12.6282,
-37.1716

■ 115.3850, 12.6282,
-37.1716

■ 255.0000, 0.0000,
0.0000

■ 89.6730, 12.4862,
-38.3012

■ 168.4990, 13.0650,
-37.2716

■ 62.6940, 13.9549,
-42.7046

■ 196.0860, 12.7756,
-37.7864

■ 42.2710, 12.1914,
-37.0717

■ 224.2000, 13.2124,
-37.8864

■ 26.8490, 8.9484,
-23.5466

■ 241.5450, 6.6333,
-27.6650

■ 9.8940, 7.4473,
-8.6770

■ 249.9170, 2.5059,
-10.4512

■ 0.0000, 0.0000,
0.0000

■ 115.3850, 12.6282,
-37.1716

■ 115.3850, 12.6282,
-37.1716

■ 110.0250, 15.2707,
-44.7489

■ 120.7450, 9.9857,
-29.5944

■ 104.6650, 17.9132,
-52.3262

■ 126.1050, 7.3432,
-22.0171

■ 99.3050, 20.5556,
-59.9035

■ 131.4650, 4.7008,
-14.4398

■ 94.5320, 22.9087,
-67.9956

■ 136.2380, 2.3477,
-6.3477

■ 88.8730, 25.6986,
-76.1876

■ 141.8970, -0.4422,
1.8443

■ 87.6880, 26.2828,
-76.9024

■ 147.2570, -3.0847,
9.4216

■ 152.6170, -5.7272,
16.9989

■ 157.9770, -8.3697,

24.5762

■ 163.3370,
-11.0121, 32.1535

Harmonies

Analogous

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



115.8280, 4.0288, -32.2982



115.3850, 12.6282, -37.1716



117.9820, 17.2639, -30.6792

Triad

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



115.3850, 12.6282, -37.1716



126.1300, 6.3449, 18.3030



122.4130, -16.4726, 10.1618

Complementary

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



115.3850, 12.6282, -37.1716



98.6150, -12.6282, 37.1716

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.



123.8320, -15.2002, 22.0723



115.3850, 12.6282, -37.1716



125.7090, -1.8285, 26.5652

Square

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



115.3850, 12.6282, -37.1716



124.8660, 13.3771, 2.7485



124.6570, -9.6909, 28.3648



120.2370, -12.9348, -4.5928

Rectangle

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



115.3850, 12.6282, -37.1716



120.7490, 17.3787, -20.8279



124.6570, -9.6909, 28.3648



122.8480, -16.1941, 14.1653

Sweetspot

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



115.3850, 12.6282, -37.1716



173.8780, 4.9901, -13.9250



113.8280, -16.1842, -35.8062



86.0420, 2.9373, -8.8068



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.



115.3850, 12.6282, -37.1716



143.7890, 19.8240, -58.5740



96.0140, 22.1781, -20.1833



68.3200, 1.3212, -3.7886



84.0690, 25.1090, -73.7285



5.0210, 1.4686, -4.4034

Inverse Universe

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



100.0580, 15.7474, 35.9061



119.5950, 24.8497, 56.4832



117.9860, -22.1781, 20.1833



66.7770, 1.5889, 3.7036



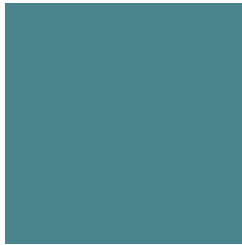
53.7030, 31.2054, 71.2975



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 115.3850, 12.6282, -37.1716 looks on a white background.

Color Contrast Check

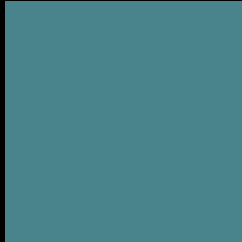
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.3850, 12.6282, -37.1716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

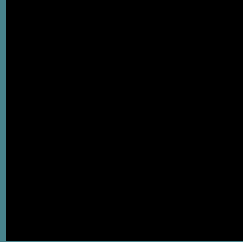
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.3850, 12.6282, -37.1716

Background



This preview shows how black text looks on a background with the YUV color 115.3850, 12.6282, -37.1716.

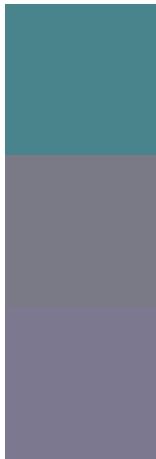


This preview shows how white text looks on a background with the YUV color 115.3850, 12.6282, -37.1716.

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

115.3850, 12.6282, -37.1716

Protanopia

123.0690, 5.3890, -1.8145

Deuteranopia

123.9320, 9.8935, 0.0596



Tritanopia

115.4990, 13.0650, -37.2716

Trichromacy



Original Color

115.3850, 12.6282, -37.1716

Protanomaly

120.6760, 8.0477, -14.6249

Deuteranomaly

120.4850, 11.0999, -13.5803

Tritanomaly

115.4990, 13.0650, -37.2716

Monochromacy



Original Color

115.3850, 12.6282, -37.1716

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.0630, 4.4059, -13.2103

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.3850, 12.6282, -37.1716 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(73, 132, 141)` looks like.

```
.text, #text, p{  
    color:rgb(73, 132, 141)  
}
```

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(73, 132, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 132, 141) }
```

Border

The CSS property to change the border of an element to YUV 115.3850, 12.6282, -37.1716 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(73, 132, 141) }
```


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

```
.border{ border-color:rgb(73, 132, 141) }
```

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

Here you see how a box with a 4 pixel rgb(73, 132, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 132, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 132, 141);  
box-shadow:4px 4px 4px 4px rgb(73, 132,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 115.3850, 12.6282, -37.1716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 132, 141) }
```

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

```
.background{ background-color: rgb(73, 132,  
141) }
```

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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