

Converting Colors

YUV(104.4390, -36.2054,
-7.4010)

Have a look what the booklet for
YUV(104.4390, -36.2054, -7.4010)
contains.

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Color

**YUV(104.4390, -36.2054,
-7.4010)**

Conversions

Conversions Part 1

Format	Color
Hex	607B1F
RGB	96, 123, 31
RGB Percent	38%, 48%, 12%
CMY	0.6235, 0.5176, 0.8784
CMYK	0.22, 0.00, 0.75, 0.52
HSL	78°, 60%, 30%
HSV	78°, 75%, 48%
XYZ	12.1542, 16.7516, 3.8891
YIQ	104.4390, 13.4400, -34.3360

Conversions

Conversions Part 2

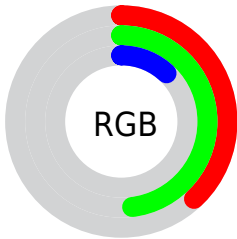
Format	Color
R_{YB}	31, 123, 58
Decimal	6322975
CIE Lab	47.95, -23.73, 44.39
CIE LCh	48, 50.328, 118.126
Yxy	16.7516, 0.3706, 0.5108
Android (android.graphics.Color)	4284513055 (0xFF607B1F)
YUV	104.4390, -36.2054, -7.4010
Hunter-Lab	40.9288, -18.6182, 23.0163

Details

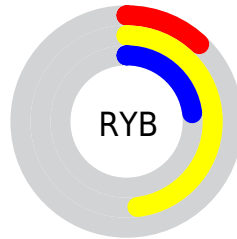
The YUV color **104.4390, -36.2054, -7.4010** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **49.5610, 36.2054, 7.4010**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.2110, -37.0790, -7.2010**, and **57.1920, -28.1957, -9.8154** is the 20% darker color. If you saturate the color by 10%, you get **101.8750, -40.8574, -8.6604**, and if you desaturate by 10%, it is **107.0030, -31.5535, -6.1416**.

Distribution



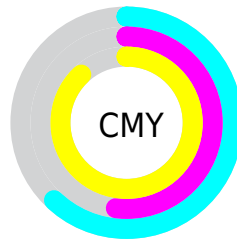
- Red (38%)
- Green (48%)
- Blue (12%)



- Red (12%)
- Yellow (48%)
- Blue (23%)



- Cyan (22%)
- Magenta (0%)
- Yellow (75%)
- Black (52%)



- Cyan (62%)
- Magenta (52%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.4390, -36.2054, -7.4010 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 104.4390, -36.2054, -7.4010 by changing the saturation by 10% instead.

■ 104.4390,
-36.2054, -7.4010

■ 104.4390,
-36.2054, -7.4010

■ 255.0000, 0.0000,
0.0000

■ 78.4560, -38.6788,
-7.4159

■ 157.2110,
-37.0790, -7.2010

■ 57.1920, -28.1957,
-9.8154

■ 184.3960,
-37.6632, -6.4863

■ 35.9170, -17.7071,
-13.9592

■ 212.1680,
-38.5368, -6.2863

■ 18.1970, -8.9711,
-15.9588

■ 238.0050,
-37.9635, -3.5124

■ 0.0000, 0.0000,
0.0000

■ 247.3620,
-29.2655, 6.6985

■ 250.6680,

-16.5983, 3.7992

253.9740, -3.9312,
0.8998

104.4390,
-36.2054, -7.4010

104.4390,
-36.2054, -7.4010

101.8750,
-40.8574, -8.6604

107.0030,
-31.5535, -6.1416

99.4960, -46.0935,
-9.2050

109.3820,
-26.3173, -5.5970

98.2140, -48.4195,
-9.8347

111.9460,
-21.6654, -4.3376

114.2110,
-16.8660, -3.6930

116.8890,
-11.7773, -2.5337

■ 119.4530, -7.1253,
-1.2743

■ 121.7180, -2.3260,
-0.6297

■ 124.2820, 2.3260,
0.6297

■ 126.6610, 7.5621,
1.1743

Harmonies

Analogous

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



108.4710, -44.6022, 25.8969



104.4390, -36.2054, -7.4010



93.2170, -12.9250, -54.5643

Triad

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



104.4390, -36.2054, -7.4010



96.8130, 43.4762, -84.9050



112.5150, 2.7041, 66.2003

Complementary

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



104.4390, -36.2054, -7.4010



49.5610, 36.2054, 7.4010

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.



116.7580, 20.8253, 40.5542



104.4390, -36.2054, -7.4010



92.5390, 52.4853, -81.1567

Square

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



104.4390, -36.2054, -7.4010



96.1000, 28.0517, -84.2797



115.1850, 36.3908, -5.4242



110.9610, -17.2358, 68.4402

Rectangle

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



104.4390, -36.2054, -7.4010



88.9010, 3.0068, -77.9662



115.1850, 36.3908, -5.4242



114.1920, 9.2723, 59.4676

Sweetspot

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



104.4390, -36.2054, -7.4010



153.6070, -14.1033, -3.1633



73.7700, -21.0856, 43.1747



77.3990, -8.5777, -2.1039



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.



104.4390, -36.2054, -7.4010



131.6130, -56.9972, -11.9386



90.9840, -29.5721, -35.0660



59.7180, -2.3260, -0.6297



99.6870, -49.1457, -10.2495



201.1460, -99.1650, -20.2990

Inverse Universe

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



49.5610, 36.2054, 7.4010



45.0880, 57.1446, 11.3238



63.0160, 29.5721, 35.0660



56.2820, 2.3260, 0.6297



25.3130, 49.1457, 10.2495



50.8540, 99.1650, 20.2990

Previews

White Background



This preview shows how the YUV color 104.4390, -36.2054, -7.4010 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 104.4390, -36.2054, -7.4010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

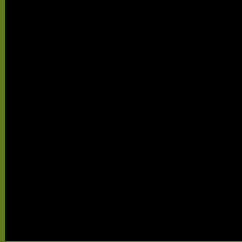
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.4390, -36.2054, -7.4010

Background



This preview shows how black text looks on a background with the YUV color 104.4390, -36.2054, -7.4010.



This preview shows how white text looks on a background with the YUV color 104.4390, -36.2054, -7.4010.

-7.4010.

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

104.4390, -36.2054, -7.4010

Protanopia

108.4960, -39.1915, 17.1050

Deuteranopia

110.0720, -36.0245, 28.0009



Tritanopia

113.3350, 5.2578, -6.4328

Trichromacy



Original Color

104.4390, -36.2054, -7.4010

Protanomaly

106.7830, -37.8540, 8.0833

Deuteranomaly

107.6960, -35.8391, 15.1756

Tritanomaly

110.0240, -9.8718, -7.0370

Monochromacy



Original Color

104.4390, -36.2054, -7.4010

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.1340, -13.3771, -2.7485

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.4390, -36.2054, -7.4010 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(96, 123, 31)` looks like.

```
.text, #text, p{  
    color:rgb(96, 123, 31)  
}
```

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(96, 123, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 123, 31) }
```

Border

The CSS property to change the border of an element to YUV 104.4390, -36.2054, -7.4010 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(96, 123, 31) }
```


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

```
.border{ border-color:rgb(96, 123, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 123, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 123, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 123, 31);  
box-shadow:4px 4px 4px 4px rgb(96, 123,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 104.4390, -36.2054, -7.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 123, 31) }
```

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

```
.background{ background-color: rgb(96, 123,  
31) }
```

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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