

Converting Colors

YUV(107.3260, -34.6707,
13.7461)

Have a look what the booklet for
YUV(107.3260, -34.6707, 13.7461)
contains.

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Color

**YUV(107.3260, -34.6707,
13.7461)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7125
RGB	123, 113, 37
RGB Percent	48%, 44%, 15%
CMY	0.5176, 0.5569, 0.8549
CMYK	0.00, 0.08, 0.70, 0.52
HSL	53°, 54%, 31%
HSV	53°, 70%, 48%
XYZ	14.4074, 16.1548, 4.1091
YIQ	107.3260, 30.3560, -21.5160

Conversions

Conversions Part 2

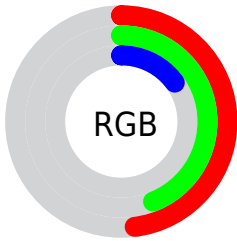
Format	Color
R_{YB}	48, 123, 37
Decimal	8089893
CIE _{Lab}	47.18, -5.72, 41.84
CIE _{LCh}	47, 42.230, 97.783
Yxy	16.1548, 0.4155, 0.4659
Android (android.graphics.Color)	4286279973 (0xFF7B7125)
YUV	107.3260, -34.6707, 13.7461
Hunter-Lab	40.1930, -6.3533, 22.0736

Details

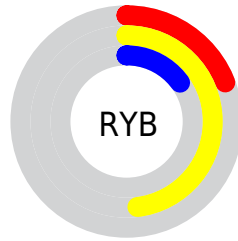
The YUV color $107.3260, -34.6707, 13.7461$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $52.6740, 34.6707, -13.7461$, and the grayscale version is $108.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $159.8810, -36.4233, 15.8904$, and $59.3840, -29.2763, 10.1872$ is the 20% darker color. If you saturate the color by 10%, you get $105.3710, -39.6229, 15.4606$, and if you desaturate by 10%, it is $109.2810, -29.7185, 12.0316$.

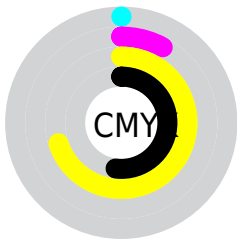
Distribution



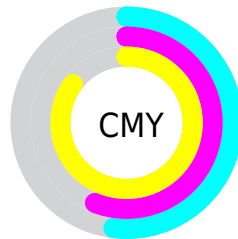
- Red (48%)
- Green (44%)
- Blue (15%)



- Red (19%)
- Yellow (48%)
- Blue (15%)



- Cyan (0%)
- Magenta (8%)
- Yellow (70%)
- Black (52%)



- Cyan (52%)
- Magenta (56%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.3260, -34.6707, 13.7461 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 107.3260, -34.6707, 13.7461 by changing the saturation by 10% instead.

107.3260,
-34.6707, 13.7461

107.3260,
-34.6707, 13.7461

255.0000, 0.0000,
0.0000

82.3860, -35.6863,
12.8165

159.8810,
-36.4233, 15.8904

59.3840, -29.2763,
10.1872

187.0660,
-37.0075, 16.6051

39.5820, -19.5139,
5.6286

214.5500,
-37.7391, 17.9347

20.3670, -10.0409,
0.5551

240.6310,
-37.2861, 12.6016

0.0000, 0.0000,
0.0000

247.9320,
-27.0815, 6.1986

251.1240,

-14.8511, 3.3993

254.4300, -2.1840,
0.4999

■ 107.3260,
-34.6707, 13.7461

■ 107.3260,
-34.6707, 13.7461

■ 105.3710,
-39.6229, 15.4606

■ 109.2810,
-29.7185, 12.0316

■ 102.7150,
-44.7225, 17.7899

■ 111.9370,
-24.6189, 9.7023

■ 100.7600,
-49.6747, 19.5045

■ 113.8920,
-19.6668, 7.9877

■ 116.4340,
-15.0040, 5.7584

■ 118.5030, -9.6150,
3.9439

■ 121.0450, -4.9522,
1.7145

■ 123.0000, 0.0000,
0.0000

■ 124.9550, 4.9522,
-1.7145

■ 127.6110, 10.0518,
-4.0438

Harmonies

Analogous

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



109.5770, -31.8365, 38.0820



107.3260, -34.6707, 13.7461



103.0710, -24.6850, -15.8483

Triad

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



107.3260, -34.6707, 13.7461



92.6920, 30.2248, -81.2909



114.1790, 12.2368, 41.9390

Complementary

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



107.3260, -34.6707, 13.7461



52.6740, 34.6707, -13.7461

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.



114.9390, 26.1591, 9.7005



107.3260, -34.6707, 13.7461



92.3790, 41.7182, -81.0164

Square

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



107.3260, -34.6707, 13.7461



89.4030, 15.0843, -78.4064



105.6170, 37.6568, -38.2521



111.7390, -3.8153, 57.2339

Rectangle

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



107.3260, -34.6707, 13.7461



97.7180, -12.6790, -40.0947



105.6170, 37.6568, -38.2521



115.0900, 17.2106, 33.2471

Sweetspot

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



107.3260, -34.6707, 13.7461



154.7760, -13.6936, 5.4584



63.8540, -8.3090, 51.8710



77.8450, -8.3046, 3.6439



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.



107.3260, -34.6707, 13.7461



136.2180, -54.3375, 21.7338



103.3290, -32.7002, -11.6895



59.7290, -2.3314, 1.1147



101.9450, -50.2589, 20.2192



206.2490, -101.6808, 40.1236

Inverse Universe

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



52.6740, 34.6707, -13.7461



50.1950, 54.6269, -21.2190



56.6710, 32.7002, 11.6895



56.2710, 2.3314, -1.1147



23.0550, 50.2589, -20.2192



45.7510, 101.6808, -40.1236

Previews

White Background



This preview shows how the YUV color 107.3260, -34.6707, 13.7461 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 107.3260, -34.6707, 13.7461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

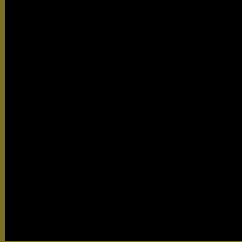
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.3260, -34.6707, 13.7461

Background



This preview shows how black text looks on a background with the YUV color 107.3260, -34.6707, 13.7461.



This preview shows how white text looks on a background with the YUV color 107.3260, -34.6707, 13.7461.

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

107.3260, -34.6707, 13.7461

Protanopia

107.3370, -34.6761, 15.4905

Deuteranopia

108.5280, -34.2773, 27.6009



Tritanopia

113.7890, 0.1040, 13.3400

Trichromacy



Original Color

107.3260, -34.6707, 13.7461

Protanomaly

107.0380, -34.5287, 14.8757

Deuteranomaly

108.3810, -34.6978, 22.4679

Tritanomaly

111.7600, -12.6997, 13.3655

Monochromacy



Original Color

107.3260, -34.6707, 13.7461

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.1180, -12.3832, 5.1585

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.3260, -34.6707, 13.7461 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(123, 113, 37)` looks like.

```
.text, #text, p{  
    color:rgb(123, 113, 37)  
}
```

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(123, 113, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 113, 37) }
```

Border

The CSS property to change the border of an element to YUV 107.3260, -34.6707, 13.7461 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(123, 113, 37) }
```


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

```
.border{ border-color:rgb(123, 113, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 113, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 113, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 113, 37);  
box-shadow:4px 4px 4px 4px rgb(123, 113,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 107.3260, -34.6707, 13.7461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 113, 37) }
```

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

```
.background{ background-color: rgb(123,  
113, 37) }
```

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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