

Converting Colors

YUV(107.3860, 41.7147,
13.6935)

Have a look what the booklet for
YUV(107.3860, 41.7147, 13.6935)
contains.

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Color

**YUV(107.3860, 41.7147,
13.6935)**

Conversions

Conversions Part 1

Format	Color
Hex	7B53C0
RGB	123, 83, 192
RGB Percent	48%, 33%, 75%
CMY	0.5176, 0.6745, 0.2471
CMYK	0.36, 0.57, 0.00, 0.25
HSL	262°, 46%, 54%
HSV	262°, 57%, 75%
XYZ	20.7761, 14.2032, 51.5157
YIQ	107.3860, -11.1490, 42.3790

Conversions

Conversions Part 2

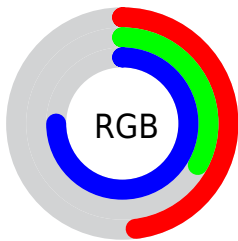
Format	Color
R_{YB}	123, 83, 192
Decimal	8082368
CIE _{Lab}	44.52, 40.32, -51.49
CIE _{LCh}	45, 65.400, 308.060
Yxy	14.2032, 0.2402, 0.1642
Android (android.graphics.Color)	4286272448 (0xFF7B53C0)
YUV	107.3860, 41.7147, 13.6935
Hunter-Lab	37.6872, 32.4503, -54.6641

Details

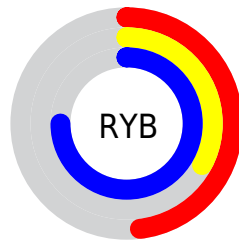
The YUV color **107.3860, 41.7147, 13.6935** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **167.6140, -41.7147, -13.6935**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.5650, 43.5985, 16.1675**, and **56.6090, 40.1258, 9.9899** is the 20% darker color. If you saturate the color by 10%, you get **92.6450, 48.9820, 16.0973**, and if you desaturate by 10%, it is **122.1270, 34.4474, 11.2896**.

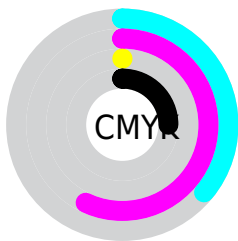
Distribution



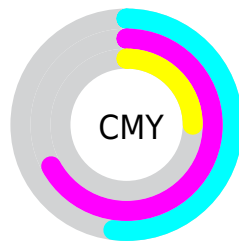
- Red (48%)
- Green (33%)
- Blue (75%)



- Red (48%)
- Yellow (33%)
- Blue (75%)



- Cyan (36%)
- Magenta (57%)
- Yellow (0%)
- Black (25%)



- Cyan (52%)
- Magenta (67%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.3860, 41.7147, 13.6935 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 107.3860, 41.7147, 13.6935 by changing the saturation by 10% instead.

■ 107.3860, 41.7147,
13.6935

■ 107.3860, 41.7147,
13.6935

■ 255.0000, 0.0000,
0.0000

■ 82.0330, 40.4097,
12.2491

■ 160.5650, 43.5985,
16.1675

■ 56.6090, 40.1258,
9.9899

■ 185.7690, 34.1309,
19.4966

■ 30.2990, 40.2786,
7.6308

■ 210.2890, 22.0425,
23.4255

■ 10.2170, 37.8540,
-8.0833

■ 232.1070, 11.2862,
20.0772

■ 7.0680, 27.0815,
-6.1986

■ 249.1300, 2.8939,
5.1480

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 107.3860, 41.7147,
13.6935

■ 107.3860, 41.7147,
13.6935

■ 92.6450, 48.9820,
16.0973

■ 122.1270, 34.4474,
11.2896

■ 77.9040, 56.2493,
18.5012

■ 136.8680, 27.1801,
8.8858

■ 62.5760, 63.8060,
21.4198

■ 152.1960, 19.6234,
5.9671

■ 47.5360, 71.2208,
23.2089

■ 167.2360, 12.2087,
4.1780

■ 42.8180, 73.5467,
23.8386

■ 181.9770, 4.9413,
1.7742

■ 196.7180, -2.3260,
-0.6297

■ 211.4590, -9.5933,
-3.0335

■ 226.7870,
-17.1500, -5.9522

■ 240.9410,
-24.1279, -7.8413

Harmonies

Analogous

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



87.7920, 62.2205, -76.9936



107.3860, 41.7147, 13.6935



100.5150, 22.9171, 69.7083

Triad

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



107.3860, 41.7147, 13.6935



98.6100, -48.6147, 52.9620



89.2890, 14.6475, -78.3065

Complementary

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



107.3860, 41.7147, 13.6935



167.6140, -41.7147, -13.6935

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.



81.0300, -9.3818, -71.0633



107.3860, 41.7147, 13.6935



97.7810, -48.2060, 15.1011

Square

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



107.3860, 41.7147, 13.6935



96.1170, -27.1727, 82.3354



86.2870, -42.5395, -29.1927



94.7440, 38.0872, -83.0905

Rectangle

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



107.3860, 41.7147, 13.6935



92.3900, 9.1747, 90.8660



86.2870, -42.5395, -29.1927



86.5360, 6.6378, -75.8921

Sweetspot

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



107.3860, 41.7147, 13.6935



216.6860, 16.4238, 5.5374



135.9290, 27.6430, -46.4187



105.5410, 9.5933, 3.0335



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



107.3860, 41.7147, 13.6935



117.9180, 65.1164, 21.1199



123.5320, 33.7547, 46.8914



89.3360, 3.7784, 1.4593



35.9950, 61.6275, 20.1754



7.3500, 12.6454, 4.0781

Inverse Universe

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



123.4570, 14.0717, 60.1122



143.1420, 22.1150, 93.7145



151.4680, -33.7547, -46.8914



90.6740, 1.1467, 5.5479



59.7670, 20.8209, 88.7813



12.2610, 4.3083, 18.1881

Previews

White Background



This preview shows how the YUV color 107.3860, 41.7147, 13.6935 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 107.3860, 41.7147, 13.6935 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 107.3860, 41.7147, 13.6935

Background



This preview shows how black text looks on a background with the YUV color 107.3860, 41.7147, 13.6935.



This preview shows how white text looks on a background with the YUV color 107.3860, 41.7147, 13.6935.

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

107.3860, 41.7147, 13.6935

Protanopia

92.7130, 58.8085, -55.8763

Deuteranopia

93.3960, 46.1468, -54.7213



Tritanopia

105.5100, 3.1996, 0.4297

Trichromacy



Original Color

107.3860, 41.7147, 13.6935

Protanomaly

97.9720, 52.7648, -30.6704

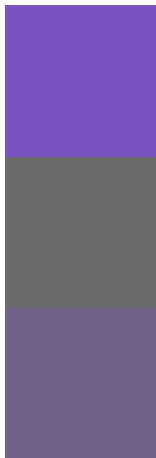
Deuteranomaly

98.2080, 44.7605, -30.0004

Tritanomaly

105.9140, 17.2974, 5.3374

Monochromacy



Original Color

107.3860, 41.7147, 13.6935

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0450, 15.2608, 5.2225

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.3860, 41.7147, 13.6935 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, 83, 192)` looks like.

```
.text, #text, p{  
    color:rgb(123, 83, 192)  
}
```

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, 83, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 83, 192) }
```

Border

The CSS property to change the border of an element to YUV 107.3860, 41.7147, 13.6935 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, 83, 192) }
```


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

```
.border{ border-color:rgb(123, 83, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 83, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 83, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 83, 192);  
box-shadow:4px 4px 4px 4px rgb(123, 83,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 107.3860, 41.7147, 13.6935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 83, 192) }
```

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

```
.background{ background-color: rgb(123, 83,  
192) }
```

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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