

Converting Colors

YUV(109.8330, 37.0573,
14.1785)

Have a look what the booklet for
YUV(109.8330, 37.0573, 14.1785)
contains.

YUV(109.8330, 37.0573, 14.1785)	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(109.8330, 37.0573,
14.1785)**

Conversions

Conversions Part 1

Format	Color
Hex	7E57B9
RGB	126, 87, 185
RGB Percent	49%, 34%, 73%
CMY	0.5059, 0.6588, 0.2745
CMYK	0.32, 0.53, 0.00, 0.27
HSL	264°, 41%, 53%
HSV	264°, 53%, 73%
XYZ	20.7693, 14.7548, 47.6522
YIQ	109.8330, -8.2140, 38.7460

Conversions

Conversions Part 2

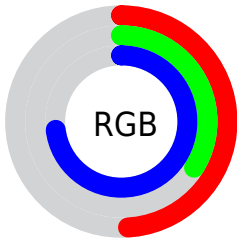
Format	Color
R_{YB}	126, 87, 185
Decimal	8279993
CIE _{Lab}	45.30, 36.95, -46.16
CIE _{LCh}	45, 59.130, 308.676
Yxy	14.7548, 0.2497, 0.1774
Android (android.graphics.Color)	4286470073 (0xFF7E57B9)
YUV	109.8330, 37.0573, 14.1785
Hunter-Lab	38.4120, 29.2939, -46.6642

Details

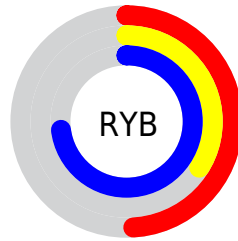
The YUV color **109.8330, 37.0573, 14.1785** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **162.1670, -37.0573, -14.1785**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.7130, 39.0885, 16.0377**, and **59.3550, 35.3210, 11.0897** is the 20% darker color. If you saturate the color by 10%, you get **95.9780, 43.8878, 16.6823**, and if you desaturate by 10%, it is **124.2750, 29.9374, 11.1598**.

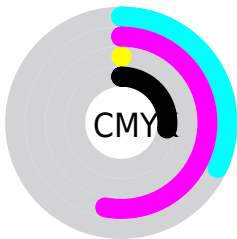
Distribution



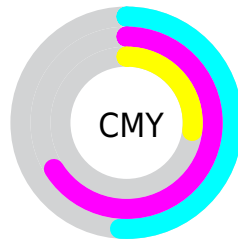
- Red (49%)
- Green (34%)
- Blue (73%)



- Red (49%)
- Yellow (34%)
- Blue (73%)



- Cyan (32%)
- Magenta (53%)
- Yellow (0%)
- Black (27%)



- Cyan (51%)
- Magenta (66%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.8330, 37.0573, 14.1785 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 109.8330, 37.0573, 14.1785 by changing the saturation by 10% instead.

■ 109.8330, 37.0573,
14.1785

■ 109.8330, 37.0573,
14.1785

■ 255.0000, 0.0000,
0.0000

■ 84.5940, 36.1892,
12.6341

■ 162.7130, 39.0885,
16.0377

■ 59.3550, 35.3210,
11.0897

■ 188.7150, 32.6785,
18.6669

■ 34.8170, 34.6002,
8.9305

■ 213.2350, 20.5901,
22.5959

■ 13.7190, 33.1695,
1.1234

■ 234.4550, 10.1287,
18.0180

■ 6.4980, 24.8975,
-5.6987

■ 251.4780, 1.7363,
3.0888

■ 5.0500, 14.2723,
-4.4289

■ 1.0260, 3.9312,

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 109.8330, 37.0573,
14.1785

■ 109.8330, 37.0573,
14.1785

■ 95.9780, 43.8878,
16.6823

■ 124.2750, 29.9374,
11.1598

■ 81.5360, 51.0078,
19.7009

■ 138.1300, 23.1069,
8.6560

■ 67.6810, 57.8383,
22.2048

■ 152.5720, 15.9870,
5.6374

■ 52.9400, 65.1056,
24.6086

■ 166.7260, 9.0091,
3.7483

■ 43.2160, 69.8995,
26.9976

■ 181.1680, 1.8892,
0.7297

■ 195.0230, -4.9413,
-1.7742

■ 209.4650,
-12.0612, -4.7928

■ 223.3200,
-18.8918, -7.2966

■ 237.1750,
-25.7223, -9.8005

Harmonies

Analogous

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



87.4670, 58.4368, -76.7086



109.8330, 37.0573, 14.1785



105.4340, 19.0130, 61.8864

Triad

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



109.8330, 37.0573, 14.1785



100.3600, -49.4775, 49.6733



89.5170, 15.5211, -78.5064

Complementary

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



109.8330, 37.0573, 14.1785



162.1670, -37.0573, -14.1785

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.



82.4150, -6.6136, -72.2780



109.8330, 37.0573, 14.1785



99.2540, -48.9322, 14.6862

Square

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



109.8330, 37.0573, 14.1785



100.7030, -25.9826, 73.9285



91.3890, -37.1668, -25.7742



94.2880, 36.3400, -82.6906

Rectangle

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



109.8330, 37.0573, 14.1785



100.4010, 5.7183, 79.4553



91.3890, -37.1668, -25.7742



87.4650, 7.6588, -76.7068

Sweetspot

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



109.8330, 37.0573, 14.1785



210.2300, 14.6766, 5.9373



133.3920, 25.4427, -40.6858



102.3130, 8.7197, 3.2335



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



109.8330, 37.0573, 14.1785



121.7950, 58.2751, 22.1048



124.1850, 29.9818, 43.6878



84.9230, 3.4890, 0.9445



36.3220, 59.0013, 22.5196



6.4810, 10.6089, 3.9632

Inverse Universe

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



123.0280, 11.3252, 54.3494



142.6480, 17.9215, 85.3777



147.8150, -29.9818, -43.6878



86.2610, 0.8573, 5.0331



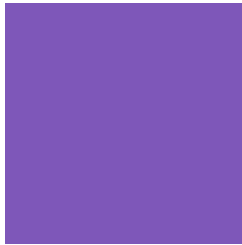
57.3600, 18.0635, 86.5073



10.3100, 3.2982, 15.5141

Previews

White Background



This preview shows how the YUV color 109.8330, 37.0573, 14.1785 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 109.8330, 37.0573, 14.1785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

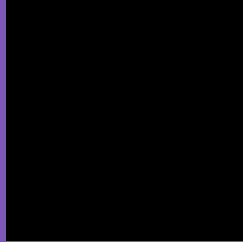
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.8330, 37.0573, 14.1785

Background



This preview shows how black text looks on a background with the YUV color 109.8330, 37.0573, 14.1785.



This preview shows how white text looks on a background with the YUV color 109.8330, 37.0573,

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

109.8330, 37.0573, 14.1785

Protanopia

100.2220, 50.1766, -40.5367

Deuteranopia

101.0730, 39.4040, -38.6520



Tritanopia

108.0050, 2.4625, 3.5036

Trichromacy



Original Color

109.8330, 37.0573, 14.1785

Protanomaly

103.7900, 45.4595, -20.8638

Deuteranomaly

103.9660, 38.4708, -19.2642

Tritanomaly

108.3550, 15.1080, 7.5817

Monochromacy



Original Color

109.8330, 37.0573, 14.1785

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1760, 13.2242, 5.1076

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.8330, 37.0573, 14.1785 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(126, 87, 185)` looks like.

```
.text, #text, p{  
    color:rgb(126, 87, 185)  
}
```

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(126, 87, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 87, 185) }
```

Border

The CSS property to change the border of an element to YUV 109.8330, 37.0573, 14.1785 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(126, 87, 185) }
```


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

```
.border{ border-color:rgb(126, 87, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 87, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 87, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 87, 185);  
box-shadow:4px 4px 4px 4px rgb(126, 87,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 109.8330, 37.0573, 14.1785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 87, 185) }
```

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

```
.background{ background-color: rgb(126, 87,  
185) }
```

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