

Converting Colors

YUV(147.2360, 32.4217, 7.6860)

Have a look what the booklet for
YUV(147.2360, 32.4217, 7.6860)
contains.

YUV(147.2360, 32.4217, 7.6860)	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(147.2360, 32.4217,
7.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	9C82D5
RGB	156, 130, 213
RGB Percent	61%, 51%, 84%
CMY	0.3882, 0.4902, 0.1647
CMYK	0.27, 0.39, 0.00, 0.16
HSL	259°, 50%, 67%
HSV	259°, 39%, 84%
XYZ	33.7032, 27.8373, 66.5476
YIQ	147.2360, -11.1470, 31.3250

Conversions

Conversions Part 2

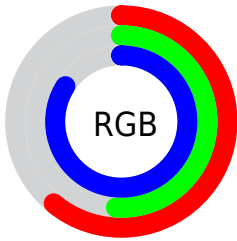
Format	Color
RYB	156, 130, 213
Decimal	10257109
CIELab	59.74, 27.43, -39.14
CIELCh	60, 47.794, 305.022
Yxy	27.8373, 0.2631, 0.2173
Android (android.graphics.Color)	4288447189 (0xFF9C82D5)
YUV	147.2360, 32.4217, 7.6860
Hunter-Lab	52.7610, 21.6920, -37.8498

Details

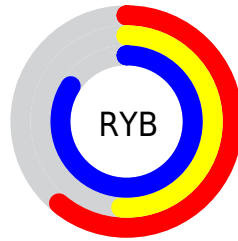
The YUV color $147.2360, 32.4217, 7.6860$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $195.7640, -32.4217, -7.6860$, and the grayscale version is $147.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $199.8790, 27.1747, 10.6301$, and $95.4700, 30.8273, 5.7268$ is the 20% darker color. If you saturate the color by 10%, you get $130.4240, 40.7100, 9.2752$, and if you desaturate by 10%, it is $164.0480, 24.1333, 6.0969$.

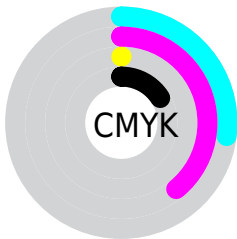
Distribution



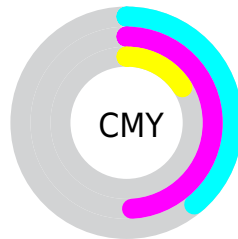
- Red (61%)
- Green (51%)
- Blue (84%)



- Red (61%)
- Yellow (51%)
- Blue (84%)



- Cyan (27%)
- Magenta (39%)
- Yellow (0%)
- Black (16%)



- Cyan (39%)
- Magenta (49%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.2360, 32.4217, 7.6860 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 147.2360, 32.4217, 7.6860 by changing the saturation by 10% instead.

■ 147.2360, 32.4217,
7.6860

■ 147.2360, 32.4217,
7.6860

■ 255.0000, 0.0000,
0.0000

■ 121.2960, 31.4061,
6.7564

■ 199.8790, 27.1747,
10.6301

■ 95.4700, 30.8273,
5.7268

■ 224.9860, 14.7969,
14.0443

■ 71.4160, 29.3749,
4.8972

■ 245.6080, 4.6303,
8.2368

■ 47.8780, 28.6541,
2.7380

■ 24.6280, 27.7914,
-0.5508

■ 7.5090, 24.8921,
-3.9544

■ 5.1640, 14.7091,

-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 147.2360, 32.4217,
7.6860

■ 147.2360, 32.4217,
7.6860

■ 130.4240, 40.7100,
9.2752

■ 164.0480, 24.1333,
6.0969

■ 113.3240, 49.1403,
11.9939

■ 181.1480, 15.7030,
3.3782

■ 96.5120, 57.4286,
13.5830

■ 197.9600, 7.4147,
1.7891

■ 79.7000, 65.7169,
15.1721

■ 214.7720, -0.8736,
0.2000

■ 62.6000, 74.1472,
17.8908

■ 231.2850, -9.0145,
-2.0039

■ 45.7880, 82.4355,
19.4799

■ 246.9230,
-16.7240, -2.5635

■ 44.3150, 83.1617,
19.8947

■ 250.2120,
-18.3455, 4.1991

Harmonies

Analogous

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



135.3150, 45.6937, -49.3883



147.2360, 32.4217, 7.6860



147.5370, 16.0043, 46.8871

Triad

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



147.2360, 32.4217, 7.6860



141.9650, -36.9577, 47.3887



113.9550, 17.7702, -99.9385

Complementary

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



147.2360, 32.4217, 7.6860



195.7640, -32.4217, -7.6860

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.



124.0360, -8.3987, -59.6676



147.2360, 32.4217, 7.6860



139.0510, -40.9441, 19.2493

Square

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



147.2360, 32.4217, 7.6860



143.2720, -22.3191, 65.5365



134.1760, -30.6528, -15.0634



118.0420, 35.9683, -103.5228

Rectangle

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



147.2360, 32.4217, 7.6860



145.7210, 3.5885, 62.5117



134.1760, -30.6528, -15.0634



112.2450, 11.2182, -98.4389

Sweetspot

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



147.2360, 32.4217, 7.6860



230.5240, 12.0667, 3.0485



173.5080, 19.4696, -38.1565



113.5470, 7.1253, 1.2743



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



147.2360, 32.4217, 7.6860



160.0420, 46.8143, 11.3642



159.1960, 26.5254, 32.2771



98.4500, 4.2152, 1.3594



35.6400, 66.7325, 16.1017



9.0880, 16.7186, 4.3078

Inverse Universe

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



161.3150, 12.6627, 45.3277



180.2280, 18.1286, 65.5750



183.8040, -26.5254, -32.2771



100.2010, 1.8729, 5.9627



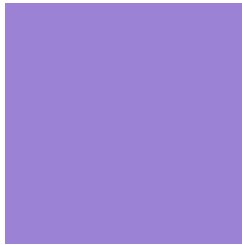
64.4670, 25.8988, 93.4294



16.2770, 6.7654, 23.4361

Previews

White Background



This preview shows how the YUV color 147.2360, 32.4217, 7.6860 looks on a white background.

Color Contrast Check

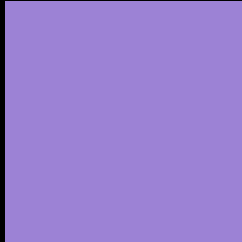
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.2360, 32.4217, 7.6860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

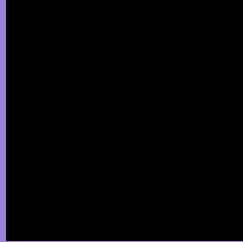
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.2360, 32.4217, 7.6860

Background



This preview shows how black text looks on a background with the YUV color 147.2360, 32.4217, 7.6860.



This preview shows how white text looks on a background with the YUV color 147.2360, 32.4217, 7.6860.

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

147.2360, 32.4217, 7.6860

Protanopia

142.5740, 39.6500, -24.1824

Deuteranopia

142.5650, 33.2455, -23.2975



Tritanopia

144.8520, 4.5100, 0.1298

Trichromacy



Original Color

147.2360, 32.4217, 7.6860

Protanomaly

144.2550, 36.8493, -12.5016

Deuteranomaly

144.2290, 32.9181, -11.6018

Tritanomaly

145.5070, 14.5400, 3.0634

Monochromacy



Original Color

147.2360, 32.4217, 7.6860

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.1110, 11.7773, 2.5337

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.2360, 32.4217, 7.6860 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(156, 130, 213)` looks like.

```
.text, #text, p{  
    color:rgb(156, 130, 213)  
}
```

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(156, 130, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 130, 213) }
```

Border

The CSS property to change the border of an element to YUV 147.2360, 32.4217, 7.6860 is called "border". The border property can be set on classes, ids or directly on the HTML element.

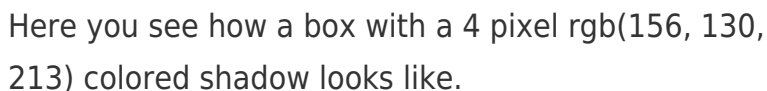
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 130, 213) }
```


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

```
.border{ border-color:rgb(156, 130, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 130, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 130, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 130, 213);  
box-shadow:4px 4px 4px 4px rgb(156, 130,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 147.2360, 32.4217, 7.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 130, 213) }
```

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

```
.background{ background-color: rgb(156,  
130, 213) }
```

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