

Converting Colors

YUV(164.8860, 39.9892, 7.1160)

Have a look what the booklet for
YUV(164.8860, 39.9892, 7.1160)
contains.

YUV(164.8860, 39.9892, 7.1160)	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(164.8860, 39.9892,
7.1160)**

Conversions

Conversions Part 1

Format	Color
Hex	AD91F6
RGB	173, 145, 246
RGB Percent	68%, 57%, 96%
CMY	0.3216, 0.4314, 0.0353
CMYK	0.30, 0.41, 0.00, 0.04
HSL	257°, 85%, 77%
HSV	257°, 41%, 96%
XYZ	43.9935, 35.7889, 91.7780
YIQ	164.8860, -15.7330, 37.3470

Conversions

Conversions Part 2

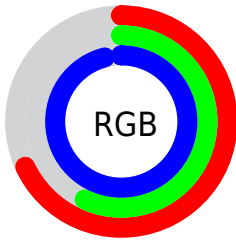
Format	Color
RYB	173, 145, 246
Decimal	11375094
CIELab	66.36, 31.78, -46.93
CIELCh	66, 56.675, 304.105
Yxy	35.7889, 0.2564, 0.2086
Android (android.graphics.Color)	4289565174 (0xFFAD91F6)
YUV	164.8860, 39.9892, 7.1160
Hunter-Lab	59.8238, 26.5746, -49.0825

Details

The YUV color **164.8860, 39.9892, 7.1160** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **226.1140, -39.9892, -7.1160**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6530, 19.8911, 13.4593**, and **112.0060, 37.9580, 5.2567** is the 20% darker color. If you saturate the color by 10%, you get **144.8290, 49.8773, 8.9200**, and if you desaturate by 10%, it is **184.9430, 30.1011, 5.3120**.

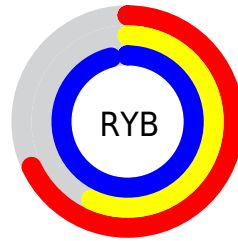
Distribution



Red (68%)

Green (57%)

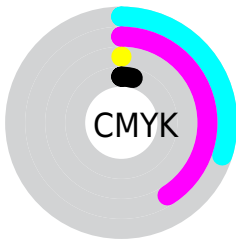
Blue (96%)



Red (68%)

Yellow (57%)

Blue (96%)

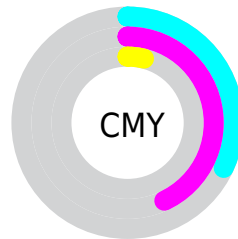


Cyan (30%)

Magenta (41%)

Yellow (0%)

Black (4%)



Cyan (32%)

Magenta (43%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.8860, 39.9892, 7.1160 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 164.8860, 39.9892, 7.1160 by changing the saturation by 10% instead.

■ 164.8860, 39.9892,
7.1160

■ 164.8860, 39.9892,
7.1160

255.0000, 0.0000,
0.0000

■ 137.9460, 38.9736,
6.1864

■ 214.6530, 19.8911,
13.4593

■ 112.0060, 37.9580,
5.2567

■ 238.5640, 8.1029,
14.4144

■ 86.7670, 37.0899,
3.7123

■ 62.1150, 35.9323,
1.6531

■ 37.5660, 35.2170,
-2.2504

■ 11.9240, 35.5335,
-10.4573

■ 6.9540, 26.6447,

-6.0987

■ 5.5060, 16.0195,
-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 164.8860, 39.9892,
7.1160

■ 164.8860, 39.9892,
7.1160

■ 144.8290, 49.8773,
8.9200

■ 184.9430, 30.1011,
5.3120

■ 125.3590, 59.4760,
10.2092

■ 204.4130, 20.5024,
4.0228

■ 105.6010, 69.2167,
12.6279

■ 224.1710, 10.7617,
1.6040

■ 86.1310, 78.8154,
13.9171

■ 243.6410, 1.1630,
0.3148

■ 66.0740, 88.7035,
15.7211

■ 253.9740, -3.9312,
0.8998

■ 48.3760, 97.4286,
17.2102

Harmonies

Analogous

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



146.5560, 53.4629, -68.0166



164.8860, 39.9892, 7.1160



165.4440, 20.4871, 55.7386

Triad

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



164.8860, 39.9892, 7.1160



158.0820, -44.4104, 57.8101



128.2200, 19.1185, -112.4489

Complementary

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



164.8860, 39.9892, 7.1160



226.1140, -39.9892, -7.1160

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.



135.7800, -10.2445, -74.3521



164.8860, 39.9892, 7.1160



155.2660, -50.4171, 24.3227

Square

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



164.8860, 39.9892, 7.1160



159.7360, -25.9988, 79.1615



149.8030, -38.3569, -17.3672



133.3330, 41.2478, -116.9330

Rectangle

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



164.8860, 39.9892, 7.1160



162.9660, 5.4398, 75.4518



149.8030, -38.3569, -17.3672



126.1680, 11.2562, -110.6493

Sweetspot

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



164.8860, 39.9892, 7.1160



230.2250, 12.2141, 2.4337



199.9520, 22.7017, -48.1929



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.



164.8860, 39.9892, 7.1160



154.7150, 49.4405, 9.0199



179.5370, 32.7663, 37.2401



112.5640, 4.6519, 1.2594



36.7520, 73.5793, 13.3725



11.5100, 23.4126, 3.9377

Inverse Universe

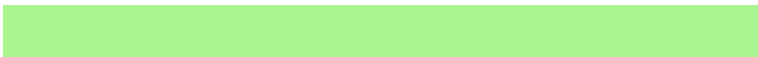
The Inverse Universe completely reimagines the original color for something new.



183.5210, 16.9981, 54.7941



177.6350, 20.8859, 67.8491



211.4630, -32.7663, -37.2401



114.6140, 2.1623, 6.4775



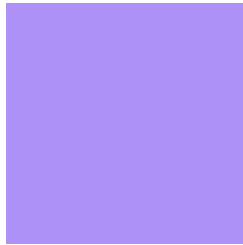
71.0040, 31.5500, 100.8515



22.4290, 9.6485, 32.0728

Previews

White Background



This preview shows how the YUV color 164.8860, 39.9892, 7.1160 looks on a white background.

Color Contrast Check

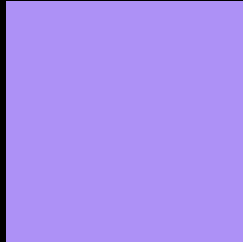
Large Text (above 18pt) WCAG AA × Fail

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 164.8860, 39.9892, 7.1160 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 ✓ Pass

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

YUV 164.8860, 39.9892, 7.1160

Background



This preview shows how black text looks on a background with the YUV color 164.8860, 39.9892, 7.1160.



This preview shows how white text looks on a background with the YUV color 164.8860, 39.9892, 7.1160.

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

164.8860, 39.9892, 7.1160

Protanopia

159.1910, 47.2338, -29.9855

Deuteranopia

158.9860, 41.4189, -31.5597



Tritanopia

161.7700, 5.5364, -2.4293

Trichromacy



Original Color

164.8860, 39.9892, 7.1160

Protanomaly

160.9970, 44.8645, -16.6604

Deuteranomaly

160.9600, 40.9387, -17.5049

Tritanomaly

162.8210, 18.3292, 1.0340

Monochromacy



Original Color

164.8860, 39.9892, 7.1160

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.0940, 14.2507, 2.5486

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.8860, 39.9892, 7.1160 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(173, 145, 246)` looks like.

```
.text, #text, p{  
    color:rgb(173, 145, 246)  
}
```

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(173, 145, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 145, 246) }
```

Border

The CSS property to change the border of an element to YUV 164.8860, 39.9892, 7.1160 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(173, 145, 246) }
```


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

```
.border{ border-color:rgb(173, 145, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 145, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 145, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 145, 246);  
box-shadow:4px 4px 4px 4px rgb(173, 145,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 164.8860, 39.9892, 7.1160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 145, 246) }
```

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

```
.background{ background-color: rgb(173,  
145, 246) }
```

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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