

Converting Colors

YUV(150.6860, 36.6368, 9.0454)

Have a look what the booklet for
YUV(150.6860, 36.6368, 9.0454)
contains.

YUV(150.6860, 36.6368, 9.0454)	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(150.6860, 36.6368,
9.0454)**

Conversions

Conversions Part 1

Format	Color
Hex	A183E1
RGB	161, 131, 225
RGB Percent	63%, 51%, 88%
CMY	0.3686, 0.4863, 0.1176
CMYK	0.28, 0.42, 0.00, 0.12
HSL	259°, 61%, 70%
HSV	259°, 42%, 88%
XYZ	36.4048, 29.2459, 74.9604
YIQ	150.6860, -12.2940, 35.5940

Conversions

Conversions Part 2

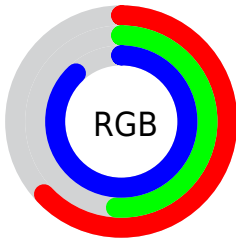
Format	Color
RYB	161, 131, 225
Decimal	10585057
CIELab	61.00, 31.23, -43.84
CIElCh	61, 53.827, 305.459
Yxy	29.2459, 0.2589, 0.2080
Android (android.graphics.Color)	4288775137 (0xFFA183E1)
YUV	150.6860, 36.6368, 9.0454
Hunter-Lab	54.0795, 25.5223, -44.3272

Details

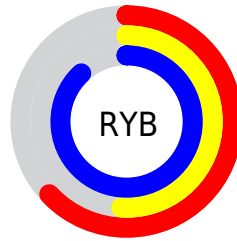
The YUV color **150.6860, 36.6368, 9.0454** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **205.3140, -36.6368, -9.0454**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.2600, 26.0008, 13.8040**, and **98.8060, 34.6056, 7.1861** is the 20% darker color. If you saturate the color by 10%, you get **133.2870, 45.2145, 11.1493**, and if you desaturate by 10%, it is **168.6720, 27.7697, 6.4267**.

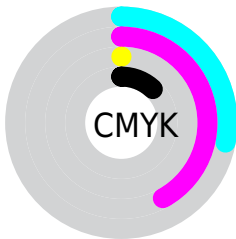
Distribution



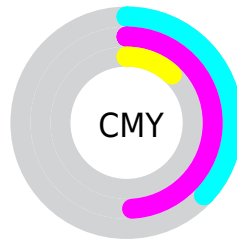
- Red (63%)
- Green (51%)
- Blue (88%)



- Red (63%)
- Yellow (51%)
- Blue (88%)



- Cyan (28%)
- Magenta (42%)
- Yellow (0%)
- Black (12%)



- Cyan (37%)
- Magenta (49%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.6860, 36.6368, 9.0454 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 150.6860, 36.6368, 9.0454 by changing the saturation by 10% instead.

■ 150.6860, 36.6368,
9.0454

■ 150.6860, 36.6368,
9.0454

■ 255.0000, 0.0000,
0.0000

■ 124.7460, 35.6212,
8.1158

■ 202.2600, 26.0008,
13.8040

■ 98.8060, 34.6056,
7.1861

■ 227.3670, 13.6231,
17.2181

■ 73.5670, 33.7375,
5.6417

■ 246.7820, 4.0515,
7.2072

■ 49.9150, 32.5799,
3.5825

■ 25.4800, 32.3014,
-0.4210

■ 7.6380, 29.2655,
-6.6985

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 150.6860, 36.6368,
9.0454

■ 150.6860, 36.6368,
9.0454

■ 133.2870, 45.2145,
11.1493

■ 168.6720, 27.7697,
6.4267

■ 115.0020, 54.2290,
13.1532

■ 186.3700, 19.0446,
4.9375

■ 97.6030, 62.8067,
15.2572

■ 204.3560, 10.1775,
2.3188

■ 79.6170, 71.6738,
17.8759

■ 221.7550, 1.5998,
0.2149

■ 61.9190, 80.3989,
19.3650

■ 239.4530, -7.1253,
-1.2743

■ 47.1780, 87.6662,
21.7689

■ 250.9820,
-12.8091, 1.7698

■ 251.5800,
-13.1039, 2.9993

Harmonies

Analogous

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



135.3720, 52.5676, -60.8392



150.6860, 36.6368, 9.0454



150.5640, 18.4559, 53.8794

Triad

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



150.6860, 36.6368, 9.0454



144.0320, -41.9208, 52.5919



117.4600, 18.5072, -103.0124

Complementary

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



150.6860, 36.6368, 9.0454



205.3140, -36.6368, -9.0454

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.



121.1650, -7.4763, -75.5667



150.6860, 36.6368, 9.0454



141.3410, -47.4961, 20.7489

Square

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



150.6860, 36.6368, 9.0454



145.6320, -24.9616, 73.1137



135.7150, -34.8625, -18.1671



122.1170, 38.8893, -107.0966

Rectangle

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



150.6860, 36.6368, 9.0454



148.1890, 3.8508, 71.7482



135.7150, -34.8625, -18.1671



115.5220, 11.0817, -101.3128

Sweetspot

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



150.6860, 36.6368, 9.0454



228.7520, 12.9403, 2.8485



179.2840, 22.5380, -42.3451



111.4870, 8.1409, 2.2039



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.



150.6860, 36.6368, 9.0454



154.4380, 49.5771, 11.8939



164.7390, 29.7087, 37.9399



103.4500, 4.2151, 1.3593



36.8080, 68.6217, 16.8314



9.9570, 18.7552, 4.4227

Inverse Universe

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



166.4020, 14.0988, 51.3904



175.7770, 18.8439, 69.4786



191.2610, -29.7087, -37.9399



105.2010, 1.8729, 5.9627



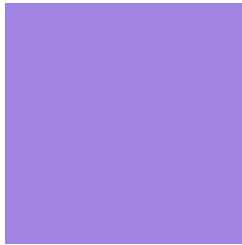
66.3040, 26.4721, 96.2034



18.1140, 7.3388, 26.2100

Previews

White Background



This preview shows how the YUV color 150.6860, 36.6368, 9.0454 looks on a white background.

Color Contrast Check

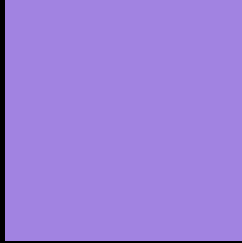
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.6860, 36.6368, 9.0454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

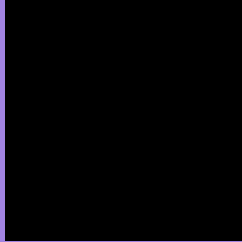
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 150.6860, 36.6368, 9.0454

Background



This preview shows how black text looks on a background with the YUV color 150.6860, 36.6368, 9.0454.



This preview shows how white text looks on a background with the YUV color 150.6860, 36.6368, 9.0454.

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

150.6860, 36.6368, 9.0454

Protanopia

144.7350, 45.4866, -29.5856

Deuteranopia

145.0850, 37.9191, -29.0155



Tritanopia

147.8520, 4.5100, 0.1298

Trichromacy



Original Color

150.6860, 36.6368, 9.0454

Protanomaly

146.7260, 42.5331, -15.5457

Deuteranomaly

147.0590, 37.4389, -14.9607

Tritanomaly

149.2620, 16.1398, 3.2782

Monochromacy



Original Color

150.6860, 36.6368, 9.0454

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.1650, 13.2297, 3.3633

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.6860, 36.6368, 9.0454 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(161, 131, 225)` looks like.

```
.text, #text, p{  
    color:rgb(161, 131, 225)  
}
```

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(161, 131, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 131, 225) }
```

Border

The CSS property to change the border of an element to YUV 150.6860, 36.6368, 9.0454 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(161, 131, 225) }
```


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

```
.border{ border-color:rgb(161, 131, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 131, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 131, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 131, 225);  
box-shadow:4px 4px 4px 4px rgb(161, 131,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 150.6860, 36.6368, 9.0454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 131, 225) }
```

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

```
.background{ background-color: rgb(161,  
131, 225) }
```

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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