

Converting Colors

YUV(148.6540, 35.1736,
11.7044)

Have a look what the booklet for
YUV(148.6540, 35.1736, 11.7044)
contains.

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Color

**YUV(148.6540, 35.1736,
11.7044)**

Conversions

Conversions Part 1

Format	Color
Hex	A280DC
RGB	162, 128, 220
RGB Percent	64%, 50%, 86%
CMY	0.3647, 0.4980, 0.1373
CMYK	0.26, 0.42, 0.00, 0.14
HSL	262°, 57%, 68%
HSV	262°, 42%, 86%
XYZ	35.5377, 28.2870, 71.2970
YIQ	148.6540, -9.2680, 35.8200

Conversions

Conversions Part 2

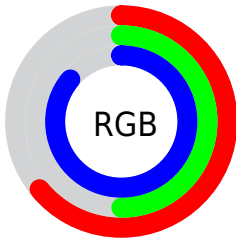
Format	Color
RYB	162, 128, 220
Decimal	10649820
CIELab	60.15, 31.99, -42.39
CIElCh	60, 53.101, 307.041
Yxy	28.2870, 0.2630, 0.2093
Android (android.graphics.Color)	4288839900 (0xFFA280DC)
YUV	148.6540, 35.1736, 11.7044
Hunter-Lab	53.1856, 26.1961, -42.2504

Details

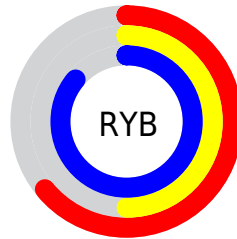
The YUV color **148.6540, 35.1736, 11.7044** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **199.3460, -35.1736, -11.7044**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.7980, 26.7216, 15.9632**, and **96.7740, 33.1424, 9.8452** is the 20% darker color. If you saturate the color by 10%, you get **131.5540, 43.6039, 14.4231**, and if you desaturate by 10%, it is **165.7540, 26.7433, 8.9857**.

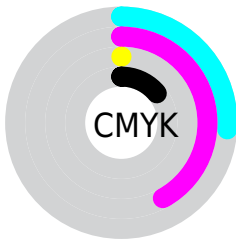
Distribution



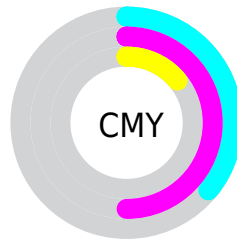
- Red (64%)
- Green (50%)
- Blue (86%)



- Red (64%)
- Yellow (50%)
- Blue (86%)



- Cyan (26%)
- Magenta (42%)
- Yellow (0%)
- Black (14%)



- Cyan (36%)
- Magenta (50%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.6540, 35.1736, 11.7044 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 148.6540, 35.1736, 11.7044 by changing the saturation by 10% instead.

■ 148.6540, 35.1736,
11.7044

■ 148.6540, 35.1736,
11.7044

255.0000, 0.0000,
0.0000

■ 122.7140, 34.1580,
10.7748

■ 200.7980, 26.7216,
15.9632

■ 96.7740, 33.1424,
9.8452

■ 225.9050, 14.3438,
19.3773

■ 72.5350, 32.2742,
8.3008

■ 244.4340, 5.2090,
9.2664

■ 47.9970, 31.5535,
6.1416

■ 24.1600, 30.9801,
3.3677

■ 9.2750, 26.4864,
-1.9952

■ 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 148.6540, 35.1736,
11.7044

■ 148.6540, 35.1736,
11.7044

■ 131.5540, 43.6039,
14.4231

■ 165.7540, 26.7433,
8.9857

■ 114.4540, 52.0342,
17.1418

■ 182.8540, 18.3130,
6.2670

■ 97.3540, 60.4645,
19.8605

■ 199.9540, 9.8827,
3.5483

■ 80.5530, 68.7474,
23.1940

■ 216.7550, 1.5998,
0.2149

■ 63.4530, 77.1777,
25.9127

■ 233.8550, -6.8305,
-2.5038

■ 49.2990, 84.1556,
27.8018

■ 248.0200,
-13.8139, -2.6485

■ 251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



134.6610, 50.9461, -54.0767



148.6540, 35.1736, 11.7044



148.4070, 16.5613, 54.8941

Triad

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



148.6540, 35.1736, 11.7044



141.7220, -41.7679, 50.2328



116.2860, 19.0860, -101.9828

Complementary

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



148.6540, 35.1736, 11.7044



199.3460, -35.1736, -11.7044

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.



116.8270, -4.8447, -79.6553



148.6540, 35.1736, 11.7044



138.6720, -46.1803, 18.7047

Square

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



148.6540, 35.1736, 11.7044



143.3930, -25.8297, 71.5693



133.4590, -33.2573, -19.6965



120.2420, 39.3207, -105.4522

Rectangle

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



148.6540, 35.1736, 11.7044



145.6620, 3.1246, 71.3334



133.4590, -33.2573, -19.6965



114.4620, 12.0972, -100.3832

Sweetspot

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



148.6540, 35.1736, 11.7044



229.3500, 12.6455, 4.0781



172.5340, 23.4007, -39.0563



111.7860, 7.9935, 2.8187



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.



148.6540, 35.1736, 11.7044



156.5310, 48.5452, 16.1973



162.4080, 28.3929, 39.9842



101.4500, 4.2151, 1.3593



38.8580, 66.1320, 22.0495



10.3270, 17.5868, 5.8522

Inverse Universe

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



162.1200, 11.7728, 50.7608



175.0930, 16.2232, 70.0784



185.5920, -28.3929, -39.9842



103.0870, 1.4361, 6.0627



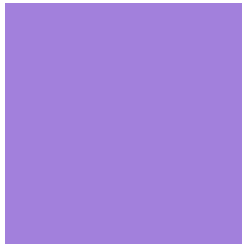
64.1530, 22.1096, 95.4588



17.0600, 5.8864, 25.3804

Previews

White Background



This preview shows how the YUV color 148.6540, 35.1736, 11.7044 looks on a white background.

Color Contrast Check

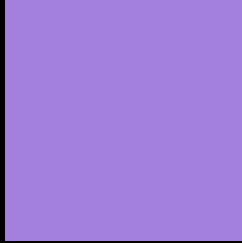
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.6540, 35.1736, 11.7044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

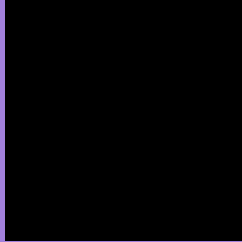
Any Text WCAG AA ✓ Pass

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 148.6540, 35.1736, 11.7044 Background



This preview shows how black text looks on a background with the YUV color 148.6540, 35.1736, 11.7044.



This preview shows how white text looks on a background with the YUV color 148.6540, 35.1736, 11.7044.

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

148.6540, 35.1736, 11.7044

Protanopia

142.6920, 44.0288, -28.6709

Deuteranopia

143.0530, 36.4559, -26.3565



Tritanopia

145.7600, 4.0623, 3.7185

Trichromacy



Original Color

148.6540, 35.1736, 11.7044

Protanomaly

144.9820, 40.9279, -14.0162

Deuteranomaly

145.0270, 35.9757, -12.3017

Tritanomaly

146.7570, 15.4028, 6.3521

Monochromacy



Original Color

148.6540, 35.1736, 11.7044

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.7630, 12.9348, 4.5928

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.6540, 35.1736, 11.7044 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(162, 128, 220)` looks like.

```
.text, #text, p{  
    color:rgb(162, 128, 220)  
}
```

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(162, 128, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 128, 220) }
```

Border

The CSS property to change the border of an element to YUV 148.6540, 35.1736, 11.7044 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(162, 128, 220) }
```


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

```
.border{ border-color:rgb(162, 128, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 128, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 128, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 128, 220);  
box-shadow:4px 4px 4px 4px rgb(162, 128,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 148.6540, 35.1736, 11.7044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 128, 220) }
```

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

```
.background{ background-color: rgb(162,  
128, 220) }
```

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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