

Converting Colors

YUV(167.5510, 21.4204,
36.3508)

Have a look what the booklet for
YUV(167.5510, 21.4204, 36.3508)
contains.

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Color

**YUV(167.5510, 21.4204,
36.3508)**

Conversions

Conversions Part 1

Format	Color
Hex	D18AD3
RGB	209, 138, 211
RGB Percent	82%, 54%, 83%
CMY	0.1804, 0.4588, 0.1725
CMYK	0.01, 0.35, 0.00, 0.17
HSL	298°, 45%, 68%
HSV	298°, 35%, 83%
XYZ	47.1408, 36.4354, 66.1762
YIQ	167.5510, 18.8830, 37.7550

Conversions

Conversions Part 2

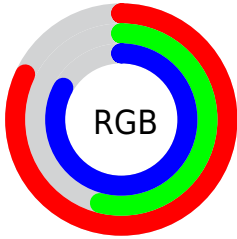
Format	Color
R_{YB}	209, 138, 211
Decimal	13732563
CIE _{Lab}	66.85, 38.66, -26.56
CIE _{LCh}	67, 46.911, 325.509
Yxy	36.4354, 0.3148, 0.2433
Android (android.graphics.Color)	4291922643 (0xFFD18AD3)
YUV	167.5510, 21.4204, 36.3508
Hunter-Lab	60.3618, 33.7704, -22.7479

Details

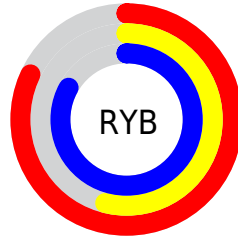
The YUV color **167.5510, 21.4204, 36.3508** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **181.4490, -21.4204, -36.3508**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6060, 17.9422, 31.9175**, and **114.0130, 20.6996, 34.1916** is the 20% darker color. If you saturate the color by 10%, you get **154.9250, 27.6450, 46.5468**, and if you desaturate by 10%, it is **180.1770, 15.1957, 26.1548**.

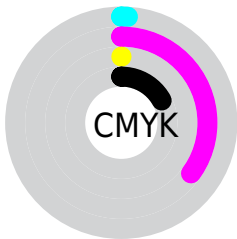
Distribution



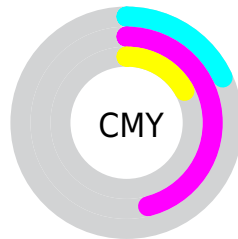
- Red (82%)
- Green (54%)
- Blue (83%)



- Red (82%)
- Yellow (54%)
- Blue (83%)



- Cyan (1%)
- Magenta (35%)
- Yellow (0%)
- Black (17%)



- Cyan (18%)
- Magenta (46%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.5510, 21.4204, 36.3508 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 167.5510, 21.4204, 36.3508 by changing the saturation by 10% instead.

■ 167.5510, 21.4204,
36.3508

■ 167.5510, 21.4204,
36.3508

255.0000, 0.0000,
0.0000

■ 140.7250, 20.8416,
35.3212

■ 218.6060, 17.9422,
31.9175

■ 114.0130, 20.6996,
34.1916

■ 235.0420, 9.8393,
17.5032

■ 88.3010, 20.5576,
33.0620

■ 252.0650, 1.4470,
2.5740

■ 63.5890, 20.4156,
31.9324

■ 36.8280, 21.2838,
33.4768

■ 21.4480, 17.5271,
25.0401

■ 12.6610, 11.0131,

14.3293

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 167.5510, 21.4204,
36.3508

■ 167.5510, 21.4204,
36.3508

■ 154.9250, 27.6450,
46.5468

■ 180.1770, 15.1957,
26.1548

■ 142.5980, 33.7222,
57.3576

■ 192.5040, 9.1185,
15.3440

■ 129.9720, 39.9468,
67.5536

■ 205.1300, 2.8939,
5.1480

■ 117.6450, 46.0240,
78.3643

■ 217.4570, -3.1833,
-5.6628

■ 105.0190, 52.2486,
88.5603

■ 230.0830, -9.4079,
-15.8588

■ 92.1050, 58.6152,
99.8859

■ 237.1270,
-12.8806, -22.0364

■ 85.3490, 61.9459,
104.9339

■ 237.4260,
-13.0280, -21.4216

■ 237.7250,
-13.1754, -20.8068

Harmonies

Analogous

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



164.2880, 36.8330, -7.2686



167.5510, 21.4204, 36.3508



165.4930, 2.7150, 62.7116

Triad

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



167.5510, 21.4204, 36.3508



159.4160, -41.1241, 30.3302



130.5800, 33.2381, -114.5187

Complementary

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



167.5510, 21.4204, 36.3508



181.4490, -21.4204, -36.3508

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.



125.6780, 14.4557, -110.2196



167.5510, 21.4204, 36.3508



155.4010, -35.2007, -2.9827

Square

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



167.5510, 21.4204, 36.3508



161.9320, -33.4905, 55.3106



148.7410, -17.6203, -41.8689



131.4070, 49.0993, -115.2439

Rectangle

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



167.5510, 21.4204, 36.3508



163.9810, -10.8366, 69.2997



148.7410, -17.6203, -41.8689



128.9840, 27.1229, -113.1190

Sweetspot

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



167.5510, 21.4204, 36.3508



240.0260, 7.3822, 12.2552



147.4960, 31.3075, -8.3280



118.3090, 4.7777, 7.6220



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.



167.5510, 21.4204, 36.3508



191.2940, 31.4071, 53.2392



164.2730, 6.2744, 40.9796



98.2440, 3.3307, 5.0480



68.1880, 49.2073, 84.0271



16.6340, 12.0124, 20.4920

Inverse Universe

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



160.0550, -9.8871, 44.6788



180.3350, -14.4622, 65.4812



184.7270, -6.2744, -40.9796



97.2890, -1.6215, 6.7625



50.8020, -22.5804, 102.7826



12.3730, -5.6069, 25.1059

Previews

White Background



This preview shows how the YUV color 167.5510, 21.4204, 36.3508 looks on a white background.

Color Contrast Check

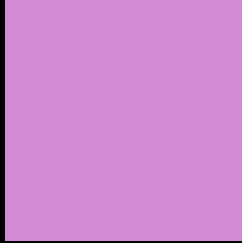
Large Text (above 18pt) WCAG AA × Fail

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 167.5510, 21.4204, 36.3508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

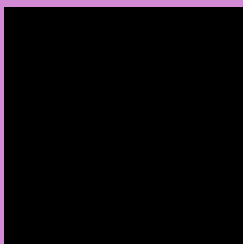
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.5510, 21.4204, 36.3508

Background



This preview shows how black text looks on a background with the YUV color 167.5510, 21.4204, 36.3508.



This preview shows how white text looks on a background with the YUV color 167.5510, 21.4204, 36.3508.

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

167.5510, 21.4204, 36.3508

Protanopia

162.9570, 32.0662, -18.3793

Deuteranopia

164.1620, 21.1191, -7.1581



Tritanopia

165.5140, -2.7184, 31.9982

Trichromacy



Original Color

167.5510, 21.4204, 36.3508



Protanomaly

164.7530, 28.2228, 1.0936



Deuteranomaly

165.2610, 21.0703, 8.5411



Tritanomaly

166.2290, 6.2961, 34.0022

Monochromacy



Original Color

167.5510, 21.4204, 36.3508



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.8520, 7.9610, 13.2848

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.5510, 21.4204, 36.3508 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(209, 138, 211)` looks like.

```
.text, #text, p{  
    color:rgb(209, 138, 211)  
}
```

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(209, 138, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 138, 211) }
```

Border

The CSS property to change the border of an element to YUV 167.5510, 21.4204, 36.3508 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(209, 138, 211) }
```


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

```
.border{ border-color:rgb(209, 138, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 138, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 138, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 138, 211);  
box-shadow:4px 4px 4px 4px rgb(209, 138,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 167.5510, 21.4204, 36.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 138, 211) }
```

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

```
.background{ background-color: rgb(209,  
138, 211) }
```

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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