

Converting Colors

YUV(65.2950, 36.8296, 87.4413)

Have a look what the booklet for
YUV(65.2950, 36.8296, 87.4413)
contains.

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Color

**YUV(65.2950, 36.8296,
87.4413)**

Conversions

Conversions Part 1

Format	Color
Hex	A5008C
RGB	165, 0, 140
RGB Percent	65%, 0%, 55%
CMY	0.3529, 1.0000, 0.4510
CMYK	0.00, 1.00, 0.15, 0.35
HSL	309°, 100%, 32%
HSV	309°, 100%, 65%
XYZ	20.2507, 9.8928, 25.6531
YIQ	65.2950, 53.4000, 78.5200

Conversions

Conversions Part 2

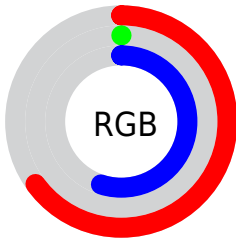
Format	Color
R_{YB}	165, 0, 140
Decimal	10813580
CIE _{Lab}	37.65, 67.39, -31.03
CIE _{LCh}	38, 74.185, 335.277
Yxy	9.8928, 0.3629, 0.1773
Android (android.graphics.Color)	4289003660 (0xFFA5008C)
YUV	65.2950, 36.8296, 87.4413
Hunter-Lab	31.4528, 59.8837, -26.3404

Details

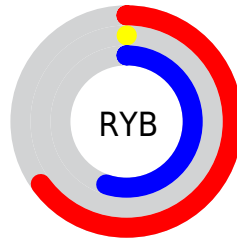
The YUV color **65.2950, 36.8296, 87.4413** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **99.7050, -36.8296, -87.4413**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.6390, 28.2790, 76.6156**, and **42.4380, 22.9551, 57.4979** is the 20% darker color. If you saturate the color by 10%, you get **65.2950, 36.8296, 87.4413**, and if you desaturate by 10%, it is **75.0290, 33.5097, 78.9046**.

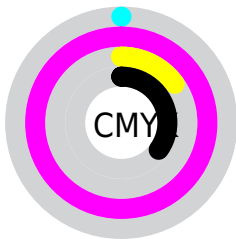
Distribution



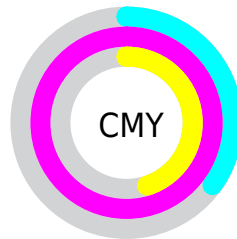
- Red (65%)
- Green (0%)
- Blue (55%)



- Red (65%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (35%)




- Cyan (35%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 65.2950, 36.8296, 87.4413 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 65.2950, 36.8296, 87.4413 by changing the saturation by 10% instead.


 65.2950, 36.8296,
87.4413


 65.2950, 36.8296,
87.4413


255.0000, 0.0000,
0.0000


 53.6600, 29.7476,
72.2122


 136.6390, 28.2790,
76.6156


 42.4380, 22.9551,
57.4979


 165.8240, 27.6948,
77.3304


 31.6290, 16.4519,
43.2984

 186.4520, 31.8222,
60.1166

 21.3470, 10.6749,
29.5137

 203.3440, 25.4664,
45.3023

 8.9720, 5.9298,
11.4256

 220.9540, 16.7847,
29.8583

 0.0000, 0.0000,
0.0000

 237.9770, 8.3923,

14.9292

■ 65.2950, 36.8296,
87.4413

■ 75.0290, 33.5097,
78.9046

■ 85.2360, 29.4637,
69.9530

■ 95.4430, 25.4176,
61.0015

■ 105.1770, 22.0977,
52.4648

■ 114.9110, 18.7779,
43.9281

■ 125.1180, 14.7318,
34.9765

■ 134.7380, 10.9752,
26.5398

■ 145.0590, 7.3659,
17.4883

■ 154.7930, 4.0461,
8.9515

Harmonies

Analogous

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



88.2800, 49.1620, 5.0164



65.2950, 36.8296, 87.4413



65.4460, 7.6681, 107.4799

Triad

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



65.2950, 36.8296, 87.4413



82.7300, -40.7859, 15.1458



83.6420, 36.1655, -73.3540

Complementary

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



65.2950, 36.8296, 87.4413



99.7050, -36.8296, -87.4413

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.



76.9160, 10.3944, -67.4553



65.2950, 36.8296, 87.4413



68.5340, -33.7873, -36.4253

Square

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



65.2950, 36.8296, 87.4413



82.1080, -40.4792, 56.9103



68.3320, -17.4187, -59.9272



86.0820, 55.6686, -75.4939

Rectangle

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



65.2950, 36.8296, 87.4413



60.1030, -8.9248, 109.5347



68.3320, -17.4187, -59.9272



82.1770, 28.0137, -72.0692

Sweetspot

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



65.2950, 36.8296, 87.4413



175.2920, 14.1530, 33.9469



26.2850, 68.3865, -1.1269



84.0100, 8.3761, 20.1622



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



65.2950, 36.8296, 87.4413



84.7340, 47.9521, 113.3663



55.9470, 1.0121, 95.6395



76.4890, 1.7309, 4.8331



57.3770, 32.3521, 76.8454



7.0920, 3.8986, 9.5663

Inverse Universe

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



65.2950, 36.8296, 87.4413



84.7340, 47.9521, 113.3663



109.0530, -1.0121, -95.6395



76.4890, 1.7309, 4.8331



57.3770, 32.3521, 76.8454



7.0920, 3.8986, 9.5663

Previews

White Background



This preview shows how the YUV color 65.2950, 36.8296, 87.4413 looks on a white background.

Color Contrast Check

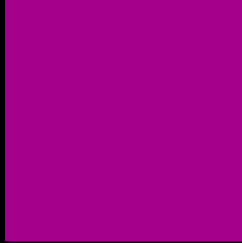
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 65.2950, 36.8296, 87.4413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

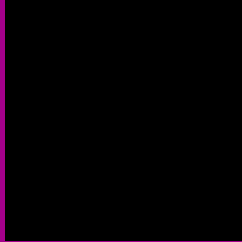
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.2950, 36.8296, 87.4413

Background



This preview shows how black text looks on a background with the YUV color 65.2950, 36.8296, 87.4413.



This preview shows how white text looks on a background with the YUV color 65.2950, 36.8296,

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



Protanopia

72.9740, 56.2148, -63.9982

Deuteranopia

91.0750, 19.6830, -13.2208

Tritanopia

86.1390, -13.8725, 63.0221

Trichromacy



Protanomaly

70.1920, 49.2053, -8.9384

Deuteranomaly

81.6140, 25.8263, 23.1405

Tritanomaly

78.7160, 4.5770, 72.1631

Monochromacy



Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.7540, 13.4323, 31.7877

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.2950, 36.8296, 87.4413 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(165, 0, 140)` looks like.

```
.text, #text, p{  
    color:rgb(165, 0, 140)  
}
```

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(165, 0, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 0, 140) }
```

Border

The CSS property to change the border of an element to YUV 65.2950, 36.8296, 87.4413 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(165, 0, 140) }
```

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

```
.border{ border-color:rgb(165, 0, 140) }
```

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

Here you see how a box with a 4 pixel rgb(165, 0, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 0, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 0, 140);  
box-shadow:4px 4px 4px 4px rgb(165, 0,  
140) }
```


Background

The CSS property to change the background color of an element to YUV 65.2950, 36.8296, 87.4413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 0, 140) }
```

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

```
.background{ background-color: rgb(165, 0,  
140) }
```

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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