

Converting Colors

YUV(108.6250, 36.1739,
64.3499)

Have a look what the booklet for
YUV(108.6250, 36.1739, 64.3499)
contains.

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Color

**YUV(108.6250, 36.1739,
64.3499)**

Conversions

Conversions Part 1

Format	Color
Hex	B639B6
RGB	182, 57, 182
RGB Percent	71%, 22%, 71%
CMY	0.2863, 0.7765, 0.2863
CMYK	0.00, 0.69, 0.00, 0.29
HSL	300°, 52%, 47%
HSV	300°, 69%, 71%
XYZ	29.1980, 16.2487, 45.8534
YIQ	108.6250, 34.3750, 65.3750

Conversions

Conversions Part 2

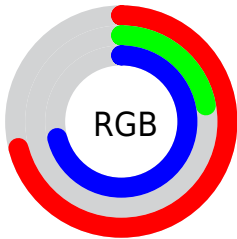
Format	Color
R_{YB}	182, 57, 182
Decimal	11942326
CIE _{Lab}	47.30, 64.53, -40.77
CIE _{LCh}	47, 76.333, 327.713
Yxy	16.2487, 0.3198, 0.1780
Android (android.graphics.Color)	4290132406 (0xFFB639B6)
YUV	108.6250, 36.1739, 64.3499
Hunter-Lab	40.3097, 58.7530, -39.2271

Details

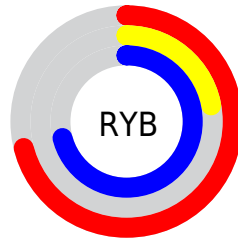
The YUV color **108.6250, 36.1739, 64.3499** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **130.3750, -36.1739, -64.3499**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.6960, 35.1529, 65.1646**, and **51.9670, 37.4843, 64.0499** is the 20% darker color. If you saturate the color by 10%, you get **98.0590, 41.3829, 73.6163**, and if you desaturate by 10%, it is **119.1910, 30.9648, 55.0835**.

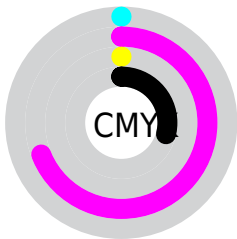
Distribution



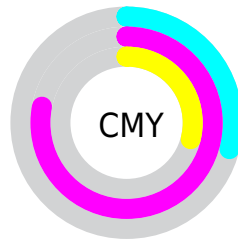
- Red (71%)
- Green (22%)
- Blue (71%)



- Red (71%)
- Yellow (22%)
- Blue (71%)



- Cyan (0%)
- Magenta (69%)
- Yellow (0%)
- Black (29%)




- Cyan (29%)
- Magenta (78%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.6250, 36.1739, 64.3499 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 108.6250, 36.1739, 64.3499 by changing the saturation by 10% instead.


 108.6250, 36.1739,
64.3499


 108.6250, 36.1739,
64.3499


255.0000, 0.0000,
0.0000


 75.7440, 39.0732,
67.7535


 166.6960, 35.1529,
65.1646


 51.9670, 37.4843,
64.0499


 189.2560, 32.4118,
57.6575

 41.0440, 30.5443,
49.9504


 205.6920, 24.3088,
43.2431

 30.1210, 23.6043,
35.8509

 222.7150, 15.9165,
28.3139

 20.0240, 17.2432,
22.7810

 239.7380, 7.5242,
13.3848

 4.5450, 13.5353,
-1.3550

 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 108.6250, 36.1739,
64.3499

■ 108.6250, 36.1739,
64.3499

■ 98.0590, 41.3829,
73.6163

■ 119.1910, 30.9648,
55.0835

■ 87.4930, 46.5920,
82.8826

■ 129.7570, 25.7558,
45.8171

■ 76.3400, 52.0904,
92.6638

■ 140.9100, 20.2574,
36.0359

■ 75.1660, 52.6692,
93.6934

■ 151.4760, 15.0483,
26.7695

■ 162.0420, 9.8393,
17.5032

■ 172.6080, 4.6303,
8.2368

■ 183.1740, -0.5788,
-1.0296

■ 194.3270, -6.0772,
-10.8108

■ 204.8930,
-11.2862, -20.0772

Harmonies

Analogous

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



109.2430, 58.5472, -18.6301



108.6250, 36.1739, 64.3499



78.8620, 20.2810, 122.0240

Triad

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



108.6250, 36.1739, 64.3499



105.5550, -52.0386, 31.0853



101.0870, 34.4671, -88.6533

Complementary

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



108.6250, 36.1739, 64.3499



130.3750, -36.1739, -64.3499

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.



92.9760, 5.9278, -81.5400



108.6250, 36.1739, 64.3499



96.3980, -47.5242, -17.0120

Square

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



108.6250, 36.1739, 64.3499



102.5850, -50.5744, 74.9090



82.6480, -23.4905, -72.4823



104.4390, 57.4646, -91.5930

Rectangle

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



108.6250, 36.1739, 64.3499



83.1890, -2.5582, 120.8602



82.6480, -23.4905, -72.4823



98.6930, 25.2944, -86.5538

Sweetspot

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



108.6250, 36.1739, 64.3499



207.6500, 14.4695, 25.7399



71.2500, 54.5998, -12.4972



102.3900, 8.6817, 15.4440



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



108.6250, 36.1739, 64.3499



123.1220, 56.1419, 99.8710



101.5570, 9.0924, 70.5485



86.7170, 2.6045, 4.6332



64.4280, 45.1450, 80.3086



11.5640, 8.1029, 14.4144

Inverse Universe

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



108.6250, 36.1739, 64.3499



123.1220, 56.1419, 99.8710



137.5570, -8.6556, -70.6485



86.7170, 2.6045, 4.6332



64.4280, 45.1450, 80.3086



11.5640, 8.1029, 14.4144

Previews

White Background



This preview shows how the YUV color 108.6250, 36.1739, 64.3499 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 × Fail

Black Background



This preview shows how the YUV color 108.6250, 36.1739, 64.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

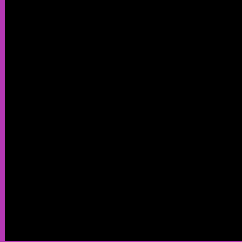
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.6250, 36.1739, 64.3499

Background



This preview shows how black text looks on a background with the YUV color 108.6250, 36.1739, 64.3499.



This preview shows how white text looks on a background with the YUV color 108.6250, 36.1739, 64.3499.

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

108.6250, 36.1739, 64.3499

Protanopia

94.5030, 67.2930, -70.6011

Deuteranopia

110.8700, 30.6301, -24.4420



Tritanopia

112.3980, -10.0562, 52.2710

Trichromacy



Original Color

108.6250, 36.1739, 64.3499



Protanomaly

99.5370, 55.9373, -21.5189



Deuteranomaly

110.2360, 32.4217, 7.6860



Tritanomaly

110.8990, 6.9518, 57.0936

Monochromacy



Original Color

108.6250, 36.1739, 64.3499



Achromatopsia

109.0000, 0.0000, 0.0000



Achromatomaly

108.9980, 13.3120, 23.6808

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.6250, 36.1739, 64.3499 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(182, 57, 182)` looks like.

```
.text, #text, p{  
    color:rgb(182, 57, 182)  
}
```

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(182, 57, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 57, 182) }
```

Border

The CSS property to change the border of an element to YUV 108.6250, 36.1739, 64.3499 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(182, 57, 182) }
```


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

```
.border{ border-color:rgb(182, 57, 182) }
```

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

Here you see how a box with a 4 pixel rgb(182, 57, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 57, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 57, 182);  
box-shadow:4px 4px 4px 4px rgb(182, 57,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 108.6250, 36.1739, 64.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 57, 182) }
```

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

```
.background{ background-color: rgb(182, 57,  
182) }
```

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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