

Converting Colors

YUV(36.1700, 9.2832, 55.9789)

Have a look what the booklet for
YUV(36.1700, 9.2832, 55.9789)
contains.

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Color

**YUV(36.1700, 9.2832,
55.9789)**

Conversions

Conversions Part 1

Format	Color
Hex	640037
RGB	100, 0, 55
RGB Percent	39%, 0%, 22%
CMY	0.6078, 1.0000, 0.7843
CMYK	0.00, 1.00, 0.45, 0.61
HSL	327°, 100%, 20%
HSV	327°, 100%, 39%
XYZ	5.9451, 2.9852, 3.8773
YIQ	36.1700, 41.9450, 38.3050

Conversions

Conversions Part 2

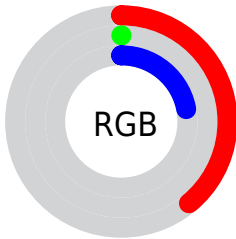
Format	Color
R_{YB}	100, 0, 55
Decimal	6553655
CIE _{Lab}	19.98, 43.37, -3.76
CIE _{LCh}	20, 43.535, 355.049
Yxy	2.9852, 0.4642, 0.2331
Android (android.graphics.Color)	4284743735 (0xFF640037)
YUV	36.1700, 9.2832, 55.9789
Hunter-Lab	17.2776, 31.1849, -1.2110

Details

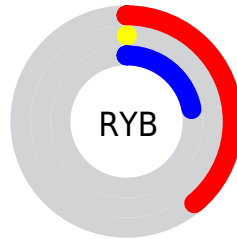
The YUV color **36.1700, 9.2832, 55.9789** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **63.8300, -9.2832, -55.9789**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.7800, 4.0525, 53.6899**, and **16.5030, -2.7130, 30.2539** is the 20% darker color. If you saturate the color by 10%, you get **36.1700, 9.2832, 55.9789**, and if you desaturate by 10%, it is **42.4960, 8.1365, 50.4310**.

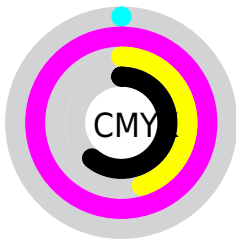
Distribution



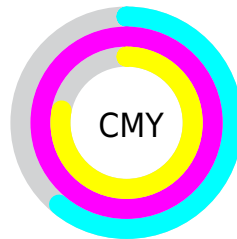
- Red (39%)
- Green (0%)
- Blue (22%)



- Red (39%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (45%)
- Black (61%)



- Cyan (61%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.1700, 9.2832, 55.9789 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 36.1700, 9.2832, 55.9789 by changing the saturation by 10% instead.

36.1700, 9.2832,
55.9789

36.1700, 9.2832,
55.9789

253.8260, 0.5788,
1.0296

25.7030, 4.0904,
41.4795

93.7800, 4.0525,
53.6899

16.5030, -2.7130,
30.2539

120.2640, 3.3208,
55.0195

0.2990, -0.1474,
0.6148

147.1610, 2.8786,
56.8638

0.0000, 0.0000,
0.0000

174.9440, 1.9996,
58.8081

197.8720, 4.5001,
50.1013

217.5000, 8.6275,

32.8875

■ 236.2160, 9.2605,
16.4736

■ 36.1700, 9.2832,
55.9789

■ 42.4960, 8.1365,
50.4310

■ 48.9360, 7.4266,
44.7831

■ 55.3760, 6.7166,
39.1352

■ 61.7020, 5.5699,
33.5873

■ 68.1420, 4.8600,
27.9395

■ 74.4680, 3.7133,
22.3916

■ 80.9080, 3.0034,
16.7437

■ 87.2340, 1.8566,
11.1958

■ 93.6740, 1.1467,
5.5479

Harmonies

Analogous

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



47.1110, 18.6793, 28.8437



36.1700, 9.2832, 55.9789



37.0440, -6.4307, 56.0894

Triad

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



36.1700, 9.2832, 55.9789



42.1630, -20.7864, -6.2820



46.7340, 26.7531, -40.9857

Complementary

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



36.1700, 9.2832, 55.9789



63.8300, -9.2832, -55.9789

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.



44.9440, 14.8176, -39.4159



36.1700, 9.2832, 55.9789



35.2030, -14.8901, -30.8730

Square

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



36.1700, 9.2832, 55.9789



45.8500, -22.6040, 16.7946



40.5950, 0.6927, -35.6018



44.5800, 33.7311, -39.0967

Rectangle

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



36.1700, 9.2832, 55.9789



41.6070, -20.5123, 45.9487



40.5950, 0.6927, -35.6018



46.4090, 22.9694, -40.7007

Sweetspot

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



36.1700, 9.2832, 55.9789



105.0550, 3.4239, 21.8768



24.8550, 37.0465, 17.6672



50.7720, 2.5774, 13.3550



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



36.1700, 9.2832, 55.9789



47.0780, 12.2865, 72.7226



30.4700, -12.5567, 60.9778



47.8370, 0.5734, 2.7740



41.5670, 10.5665, 64.4007



87.5200, 22.4216, 135.4790

Inverse Universe

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



36.1700, 9.2832, 55.9789



47.0780, 12.2865, 72.7226



69.5300, 12.5567, -60.9778



47.8370, 0.5734, 2.7740



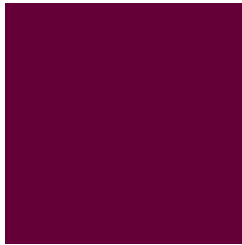
41.5670, 10.5665, 64.4007



87.5200, 22.4216, 135.4790

Previews

White Background



This preview shows how the YUV color 36.1700, 9.2832, 55.9789 looks on a white background.

Color Contrast Check

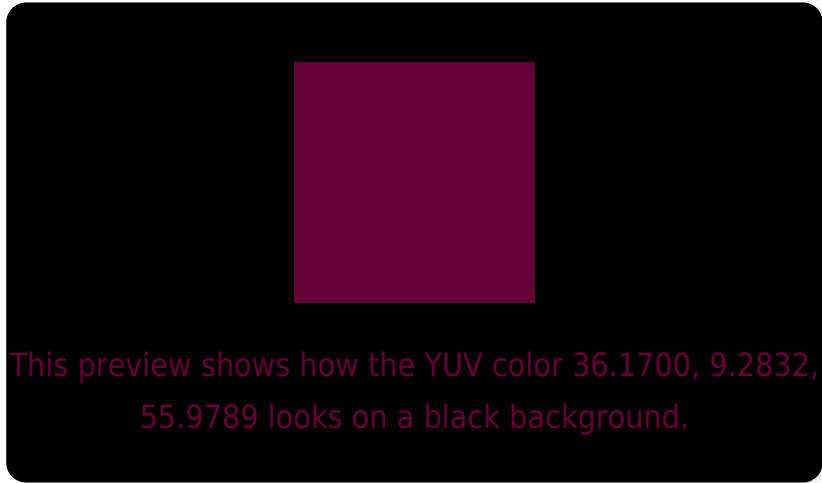
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

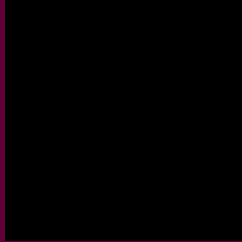
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.1700, 9.2832, 55.9789

Background



This preview shows how black text looks on a background with the YUV color 36.1700, 9.2832, 55.9789.



This preview shows how white text looks on a background with the YUV color 36.1700, 9.2832,

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

36.1700, 9.2832, 55.9789

Protanopia

52.3870, 13.1202, -8.2324

Deuteranopia

53.0930, -1.0318, 4.3034



Tritanopia

44.7240, -11.2029, 46.7231

Trichromacy



Original Color

36.1700, 9.2832, 55.9789

Protanomaly

46.4870, 11.5919, 15.3589

Deuteranomaly

46.5390, 2.6923, 23.2063

Tritanomaly

41.6950, -3.7936, 50.2565

Monochromacy



Original Color

36.1700, 9.2832, 55.9789

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.0440, 3.4293, 20.1324

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.1700, 9.2832, 55.9789 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(100, 0, 55)` looks like.

```
.text, #text, p{  
    color:rgb(100, 0, 55)  
}
```

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(100, 0, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 0, 55) }
```

Border

The CSS property to change the border of an element to YUV 36.1700, 9.2832, 55.9789 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(100, 0, 55) }
```


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

```
.border{ border-color:rgb(100, 0, 55) }
```

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

Here you see how a box with a 4 pixel rgb(100, 0, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 0, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 0, 55);  
box-shadow:4px 4px 4px 4px rgb(100, 0, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.1700, 9.2832, 55.9789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 0, 55) }
```

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

```
.background{ background-color: rgb(100, 0,  
55) }
```

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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