

Converting Colors

YUV(34.3610, 6.2310, 54.9344)

Have a look what the booklet for
YUV(34.3610, 6.2310, 54.9344)
contains.

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Color

**YUV(34.3610, 6.2310,
54.9344)**

Conversions

Conversions Part 1

Format	Color
Hex	61002F
RGB	97, 0, 47
RGB Percent	38%, 0%, 18%
CMY	0.6196, 1.0000, 0.8157
CMYK	0.00, 1.00, 0.52, 0.62
HSL	331°, 100%, 19%
HSV	331°, 100%, 38%
XYZ	5.4429, 2.7466, 2.9326
YIQ	34.3610, 42.7250, 35.1810

Conversions

Conversions Part 2

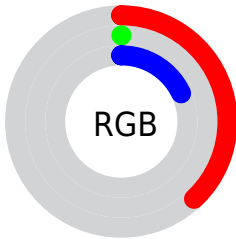
Format	Color
R_{YB}	97, 0, 47
Decimal	6357039
CIE Lab	19.00, 41.86, 0.39
CIE LCh	19, 41.866, 0.537
Yxy	2.7466, 0.4894, 0.2470
Android (android.graphics.Color)	4284547119 (0xFF61002F)
YUV	34.3610, 6.2310, 54.9344
Hunter-Lab	16.5729, 29.6200, 1.1096

Details

The YUV color **34.3610, 6.2310, 54.9344** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **62.6390, -6.2310, -54.9344**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.2700, 0.8529, 53.2602**, and **14.5800, -6.2019, 29.3093** is the 20% darker color. If you saturate the color by 10%, you get **34.3610, 6.2310, 54.9344**, and if you desaturate by 10%, it is **40.8010, 5.5211, 49.2865**.

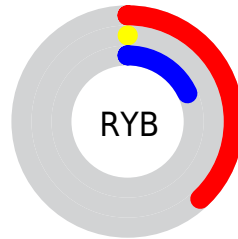
Distribution



Red (38%)

Green (0%)

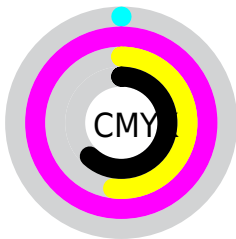
Blue (18%)



Red (38%)

Yellow (0%)

Blue (18%)

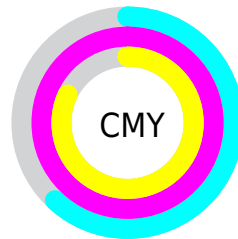


Cyan (0%)

Magenta (100%)

Yellow (52%)

Black (62%)



Cyan (62%)


Magenta (100%)

Yellow (82%)


Brightness & Saturation Gradients

These gradients show how the YUV color 34.3610, 6.2310, 54.9344 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 34.3610, 6.2310, 54.9344 by changing the saturation by 10% instead.


 34.3610, 6.2310,
54.9344


 34.3610, 6.2310,
54.9344

 252.6520, 1.1576,
2.0592

 23.8940, 1.0383,
40.4350


 91.2700, 0.8529,
53.2602

 14.5800, -6.2019,
29.3093

 117.0530, -0.0261,
55.2045

 0.0000, 0.0000,
0.0000

 143.9500, -0.4683,
57.0489


 171.7330, -1.3474,
58.9932


 195.4440, 0.2741,
52.2306

 215.0720, 4.4015,

35.0169

 235.4010, 8.6763,
17.1883

 34.3610, 6.2310,
54.9344

 40.8010, 5.5211,
49.2865

 46.6540, 5.1006,
44.1534

 53.0940, 4.3907,
38.5056

 59.5340, 3.6807,
32.8577

 65.9740, 2.9708,
27.2098

■ 71.8270, 2.5503,
22.0767

■ 78.2670, 1.8404,
16.4288

■ 84.7070, 1.1304,
10.7810

■ 90.5600, 0.7099,
5.6479

Harmonies

Analogous

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



43.8620, 16.3370, 33.4470



34.3610, 6.2310, 54.9344



37.3870, -10.0508, 50.5266

Triad

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



34.3610, 6.2310, 54.9344



39.4830, -19.4651, -10.0706



44.7450, 26.7477, -39.2414

Complementary

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



34.3610, 6.2310, 54.9344



62.6390, -6.2310, -54.9344

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.



43.4110, 16.5594, -38.0714



34.3610, 6.2310, 54.9344



34.9410, -10.8169, -30.6433

Square

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



34.3610, 6.2310, 54.9344



43.7570, -21.5722, 12.4911



39.8770, 3.0186, -34.9721



41.6620, 32.7046, -36.5376

Rectangle

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



34.3610, 6.2310, 54.9344



41.2750, -20.3486, 40.1008



39.8770, 3.0186, -34.9721



44.6480, 23.8375, -39.1563

Sweetspot

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



34.3610, 6.2310, 54.9344



100.5280, 2.6977, 21.4619



25.7090, 35.1465, 20.4262



49.1310, 1.4144, 13.0401



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



34.3610, 6.2310, 54.9344



44.3290, 8.2188, 70.7485



29.0030, -14.2985, 59.6334



45.4240, 0.2840, 2.2592



39.6440, 7.0775, 63.4562



84.9840, 15.2909, 135.9490

Inverse Universe

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



34.3610, 6.2310, 54.9344



44.3290, 8.2188, 70.7485



67.9970, 14.2985, -59.6334



45.4240, 0.2840, 2.2592



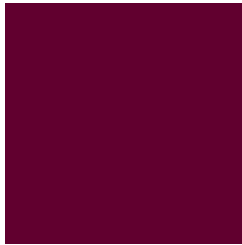
39.6440, 7.0775, 63.4562



84.9840, 15.2909, 135.9490

Previews

White Background



This preview shows how the YUV color 34.3610, 6.2310, 54.9344 looks on a white background.

Color Contrast Check

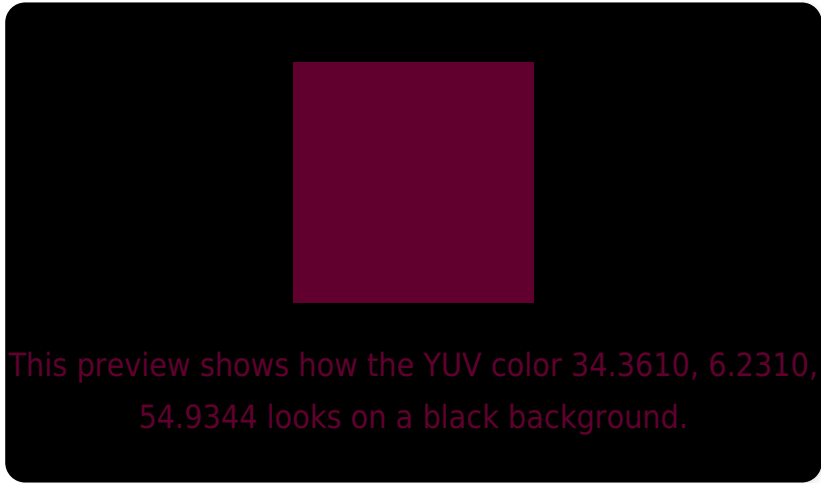
Large Text (above 18pt) WCAG AA ✓ Pass

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

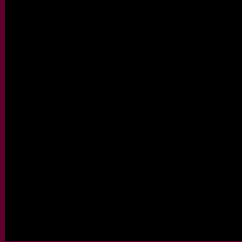
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.3610, 6.2310, 54.9344

Background



This preview shows how black text looks on a background with the YUV color 34.3610, 6.2310, 54.9344.



This preview shows how white text looks on a background with the YUV color 34.3610, 6.2310,

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

34.3610, 6.2310, 54.9344

Protanopia

50.5570, 8.5994, -4.8735

Deuteranopia

50.4200, -3.6581, 6.6477



Tritanopia

42.0230, -11.3503, 47.3378

Trichromacy



Original Color

34.3610, 6.2310, 54.9344

Protanomaly

44.7600, 7.5133, 16.8735

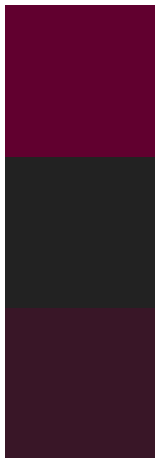
Deuteranomaly

44.7410, -0.3653, 23.9061

Tritanomaly

39.0540, -4.9566, 49.9416

Monochromacy



Original Color

34.3610, 6.2310, 54.9344

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.4030, 2.2663, 19.8176

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.3610, 6.2310, 54.9344 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(97, 0, 47)` looks like.

```
.text, #text, p{  
    color:rgb(97, 0, 47)  
}
```

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(97, 0, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 0, 47) }
```

Border

The CSS property to change the border of an element to YUV 34.3610, 6.2310, 54.9344 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(97, 0, 47) }
```


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

```
.border{ border-color:rgb(97, 0, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 0, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 0, 47); -webkit-box-shadow:4px  
4px 4px 4px rgb(97, 0, 47); box-shadow:4px  
4px 4px 4px rgb(97, 0, 47) }
```

Background

The CSS property to change the background color of an element to YUV 34.3610, 6.2310, 54.9344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 0, 47) }
```

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

```
.background{ background-color: rgb(97, 0,  
47) }
```

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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