

Converting Colors

YUV(36.9400, 14.8196, 53.5496)

Have a look what the booklet for
YUV(36.9400, 14.8196, 53.5496)
contains.

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Color

**YUV(36.9400, 14.8196,
53.5496)**

Conversions

Conversions Part 1

Format	Color
Hex	620043
RGB	98, 0, 67
RGB Percent	38%, 0%, 26%
CMY	0.6157, 1.0000, 0.7373
CMYK	0.00, 1.00, 0.32, 0.62
HSL	319°, 100%, 19%
HSV	319°, 100%, 38%
XYZ	6.0501, 3.0019, 5.5707
YIQ	36.9400, 36.9010, 41.6130

Conversions

Conversions Part 2

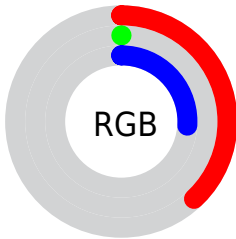
Format	Color
RYB	98, 0, 67
Decimal	6422595
CIELab	20.05, 44.24, -12.09
CIElCh	20, 45.866, 344.717
Yxy	3.0019, 0.4137, 0.2053
Android (android.graphics.Color)	4284612675 (0xFF620043)
YUV	36.9400, 14.8196, 53.5496
Hunter-Lab	17.3260, 32.0103, -6.9349

Details

The YUV color **36.9400, 14.8196, 53.5496** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **61.0600, -14.8196, -53.5496**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.3650, 10.1731, 50.5459**, and **17.8000, 3.5496, 28.2394** is the 20% darker color. If you saturate the color by 10%, you get **36.9400, 14.8196, 53.5496**, and if you desaturate by 10%, it is **43.1520, 13.2361, 48.1017**.

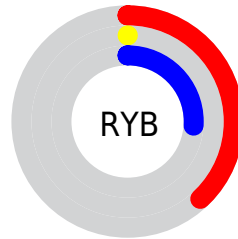
Distribution



Red (38%)

Green (0%)

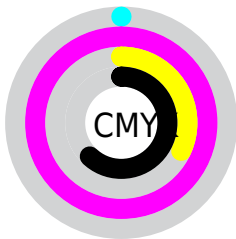
Blue (26%)



Red (38%)

Yellow (0%)

Blue (26%)

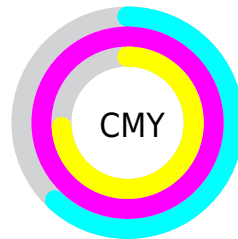


Cyan (0%)

Magenta (100%)

Yellow (32%)

Black (62%)



Cyan (62%)

Magenta (100%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.9400, 14.8196, 53.5496 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 36.9400, 14.8196, 53.5496 by changing the saturation by 10% instead.

■ 36.9400, 14.8196,
53.5496

■ 36.9400, 14.8196,
53.5496

■ 253.8260, 0.5788,
1.0296

■ 26.6580, 9.0426,
39.7649

■ 94.3650, 10.1731,
50.5459

■ 17.8000, 3.5496,
28.2394

■ 120.9630, 9.8782,
51.7754

■ 1.1960, -0.5896,
2.4591

■ 147.8600, 9.4360,
53.6198

■ 0.0000, 0.0000,
0.0000

■ 175.4580, 9.1412,
54.8493

■ 199.5820, 11.0521,
48.6016

■ 219.3240, 15.6163,

31.2879

■ 236.8030, 8.9711,
15.9588

■ 36.9400, 14.8196,
53.5496

■ 43.1520, 13.2361,
48.1017

■ 49.3640, 11.6525,
42.6538

■ 54.9890, 10.3584,
37.7206

■ 61.2010, 8.7749,
32.2727

■ 67.5270, 7.6282,
26.7248

■ 73.7390, 6.0447,
21.2769

■ 79.9510, 4.4612,
15.8290

■ 85.5760, 3.1670,
10.8958

■ 91.7880, 1.5835,
5.4479

Harmonies

Analogous

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



48.7120, 23.8060, 17.7926



36.9400, 14.8196, 53.5496



35.2710, -0.6266, 61.1523

Triad

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



36.9400, 14.8196, 53.5496



44.2780, -21.8291, 1.5102



47.3380, 23.9904, -41.5154

Complementary

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



36.9400, 14.8196, 53.5496



61.0600, -14.8196, -53.5496

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.



43.8040, 10.4496, -38.4161



36.9400, 14.8196, 53.5496



34.0460, -16.7847, -29.8583

Square

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



36.9400, 14.8196, 53.5496



46.4920, -22.9206, 25.0015



39.1130, -4.9857, -34.3021



46.4550, 33.2997, -40.7410

Rectangle

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



36.9400, 14.8196, 53.5496



38.0840, -13.8454, 54.3003



39.1130, -4.9857, -34.3021



46.1980, 19.6224, -40.5156

Sweetspot

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



36.9400, 14.8196, 53.5496



103.6250, 5.6079, 21.3769



19.8430, 38.5314, 8.0307



49.5870, 3.1616, 12.6402



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.



36.9400, 14.8196, 53.5496



48.1900, 19.1333, 69.9934



31.5820, -5.7099, 58.2486



45.5380, 0.7208, 2.1592



42.2660, 17.1239, 61.1567



90.4560, 36.2572, 131.1501

Inverse Universe

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



36.9400, 14.8196, 53.5496



48.1900, 19.1333, 69.9934



66.4180, 5.7099, -58.2486



45.5380, 0.7208, 2.1592



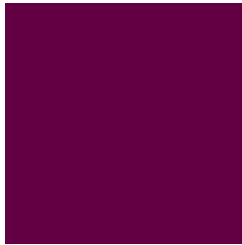
42.2660, 17.1239, 61.1567



90.4560, 36.2572, 131.1501

Previews

White Background



This preview shows how the YUV color 36.9400, 14.8196, 53.5496 looks on a white background.

Color Contrast Check

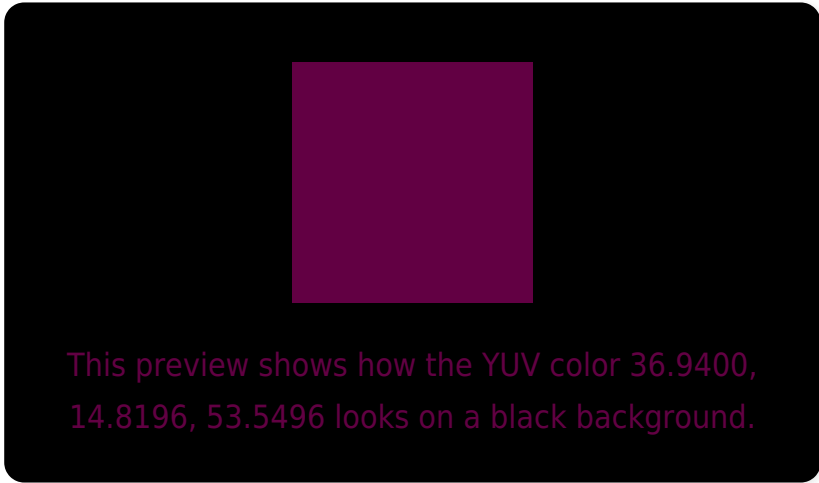
Large Text (above 18pt) WCAG AA ✓ Pass

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

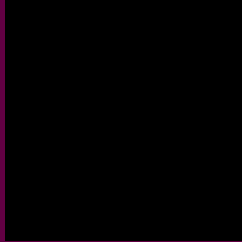
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.9400, 14.8196, 53.5496

Background



This preview shows how black text looks on a background with the YUV color 36.9400, 14.8196, 53.5496.



This preview shows how white text looks on a background with the YUV color 36.9400, 14.8196,

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

36.9400, 14.8196, 53.5496

Protanopia

49.8510, 22.7515, -17.4093

Deuteranopia

52.9660, 4.9468, 0.0298



Tritanopia

46.8590, -9.2975, 42.2197

Trichromacy



Original Color

36.9400, 14.8196, 53.5496

Protanomaly

44.9190, 19.7599, 8.8410

Deuteranomaly

46.7110, 8.5235, 19.5475

Tritanomaly

43.4710, -0.7252, 46.0679

Monochromacy



Original Color

36.9400, 14.8196, 53.5496

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.2010, 5.3239, 19.1177

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.9400, 14.8196, 53.5496 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(98, 0, 67)` looks like.

```
.text, #text, p{  
    color:rgb(98, 0, 67)  
}
```

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(98, 0, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 0, 67) }
```

Border

The CSS property to change the border of an element to YUV 36.9400, 14.8196, 53.5496 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(98, 0, 67) }
```


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

```
.border{ border-color:rgb(98, 0, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 0, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 0, 67); -webkit-box-shadow:4px  
4px 4px 4px rgb(98, 0, 67); box-shadow:4px  
4px 4px 4px rgb(98, 0, 67) }
```

Background

The CSS property to change the background color of an element to YUV 36.9400, 14.8196, 53.5496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 0, 67) }
```

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

```
.background{ background-color: rgb(98, 0,  
67) }
```

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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