

Converting Colors

YUV(57.7940, 3.0596, 92.2657)

Have a look what the booklet for
YUV(57.7940, 3.0596, 92.2657)
contains.

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Color

**YUV(57.7940, 3.0596,
92.2657)**

Conversions

Conversions Part 1

Format	Color
Hex	A30340
RGB	163, 3, 64
RGB Percent	64%, 1%, 25%
CMY	0.3608, 0.9882, 0.7490
CMYK	0.00, 0.98, 0.61, 0.36
HSL	337°, 96%, 33%
HSV	337°, 98%, 64%
XYZ	16.0622, 8.2218, 5.5909
YIQ	57.7940, 75.7790, 52.8910

Conversions

Conversions Part 2

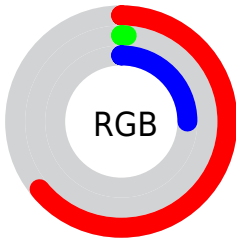
Format	Color
RYB	163, 3, 64
Decimal	10683200
CIELab	34.44, 59.02, 12.63
CIELCh	34, 60.354, 12.079
Yxy	8.2218, 0.5376, 0.2752
Android (android.graphics.Color)	4288873280 (0xFFA30340)
YUV	57.7940, 3.0596, 92.2657
Hunter-Lab	28.6737, 49.8118, 8.5111

Details

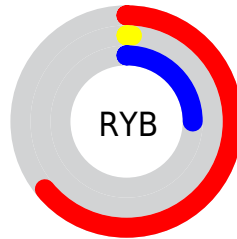
The YUV color **57.7940, 3.0596, 92.2657** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **108.2060, -3.0596, -92.2657**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.4160, -7.1071, 86.4582**, and **33.7180, -5.2840, 61.6373** is the 20% darker color. If you saturate the color by 10%, you get **55.8050, 3.0541, 94.0100**, and if you desaturate by 10%, it is **68.3260, 2.7973, 83.0291**.

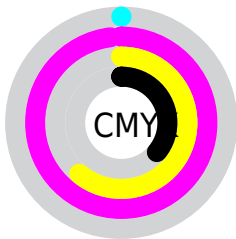
Distribution



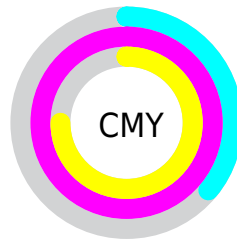
- Red (64%)
- Green (1%)
- Blue (25%)



- Red (64%)
- Yellow (1%)
- Blue (25%)



- Cyan (0%)
- Magenta (98%)
- Yellow (61%)
- Black (36%)





- Cyan (36%)
- Magenta (99%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 57.7940, 3.0596, 92.2657 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 57.7940, 3.0596, 92.2657 by changing the saturation by 10% instead.


 57.7940, 3.0596,
92.2657

 57.7940, 3.0596,
92.2657


255.0000, 0.0000,
0.0000

 44.5550, -1.2596,
77.5663


 125.4160, -7.1071,
86.4582


 33.7180, -5.2840,
61.6373

 154.0850, -8.4229,
88.5025


 22.5390, -10.6187,
46.0083

 173.4850, -5.1691,
71.4887

 13.9820, -5.9071,
28.0798

 193.5860, -1.7679,
53.8601

 0.0000, 0.0000,
0.0000

 213.1000, 1.9227,
36.7463

 233.4290, 6.1975,

18.9178

252.0650, 1.4470,
2.5740

57.7940, 3.0596,
92.2657

57.7940, 3.0596,
92.2657

55.8050, 3.0541,
94.0100

68.3260, 2.7973,
83.0291

79.4450, 2.2456,
73.2777

89.9770, 1.9833,
64.0412

100.5090, 1.7211,
54.8046

111.0410, 1.4588,
45.5680

■ 122.2740, 1.3439,
35.7167

■ 132.8060, 1.0816,
26.4801

■ 143.3380, 0.8194,
17.2436

■ 154.4570, 0.2677,
7.4922

Harmonies

Analogous

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



70.5320, 20.4437, 69.6934



57.7940, 3.0596, 92.2657



71.0400, -27.1347, 70.1249

Triad

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



57.7940, 3.0596, 92.2657



60.5490, -29.8507, -39.0695



75.4870, 48.0739, -66.2021

Complementary

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



57.7940, 3.0596, 92.2657



108.2060, -3.0596, -92.2657

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.



75.2300, 34.3966, -65.9767



57.7940, 3.0596, 92.2657



63.6990, -7.2466, -55.8640

Square

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



57.7940, 3.0596, 92.2657



74.4130, -36.6856, 6.6538



70.6870, 14.4513, -61.9925



67.6110, 53.4358, -59.2948

Rectangle

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



57.7940, 3.0596, 92.2657



75.2860, -37.1160, 51.4922



70.6870, 14.4513, -61.9925



75.8630, 44.4375, -66.5319

Sweetspot

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



57.7940, 3.0596, 92.2657



171.2740, 1.3439, 35.7167



50.8410, 55.2944, 44.8664



82.6590, 0.6611, 21.3471



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.



57.7940, 3.0596, 92.2657



72.6220, 4.1304, 122.2345



61.9930, -29.0835, 88.5831



76.1470, 0.4205, 5.1331



49.6250, 2.6499, 83.6439



6.1800, 0.4043, 10.3661

Inverse Universe

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



57.7940, 3.0596, 92.2657



72.6220, 4.1304, 122.2345



104.0070, 29.0835, -88.5831



76.1470, 0.4205, 5.1331



49.6250, 2.6499, 83.6439



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 57.7940, 3.0596, 92.2657 looks on a white background.

Color Contrast Check

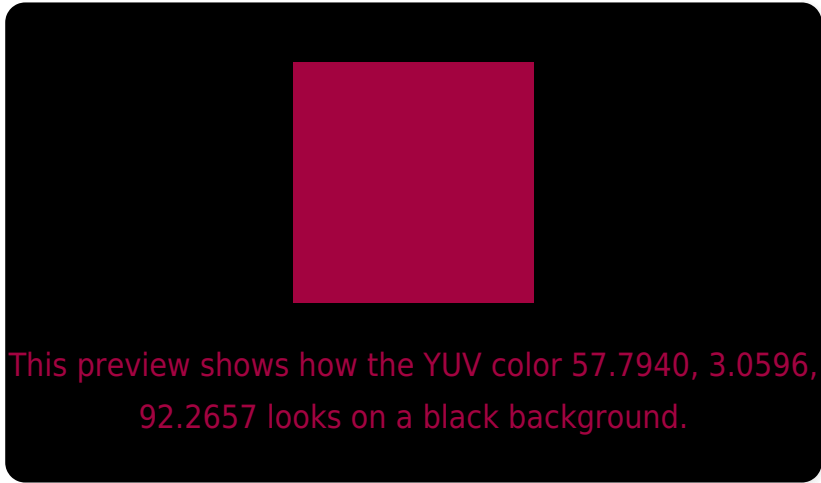
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.7940, 3.0596, 92.2657

Background



This preview shows how black text looks on a background with the YUV color 57.7940, 3.0596, 92.2657.



This preview shows how white text looks on a background with the YUV color 57.7940, 3.0596, 92.2657.

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

57.7940, 3.0596, 92.2657

Protanopia

83.8410, 4.5154, -1.6146

Deuteranopia

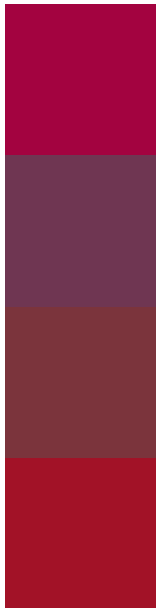
83.3580, -12.9945, 14.5950



Tritanopia

66.4360, -20.9209, 83.8096

Trichromacy



Original Color

57.7940, 3.0596, 92.2657

Protanomaly

74.2350, 3.8281, 32.2429

Deuteranomaly

74.1410, -6.9715, 42.8493

Tritanomaly

63.4500, -12.0538, 86.4284

Monochromacy



Original Color

57.7940, 3.0596, 92.2657

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.8500, 1.0600, 33.4576

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.7940, 3.0596, 92.2657 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(163, 3, 64)` looks like.

```
.text, #text, p{  
    color:rgb(163, 3, 64)  
}
```

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(163, 3, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 3, 64) }
```

Border

The CSS property to change the border of an element to YUV 57.7940, 3.0596, 92.2657 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(163, 3, 64) }
```


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

```
.border{ border-color:rgb(163, 3, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 3, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 3, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 3, 64);  
box-shadow:4px 4px 4px 4px rgb(163, 3, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.7940, 3.0596, 92.2657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 3, 64) }
```

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

```
.background{ background-color: rgb(163, 3,  
64) }
```

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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