

Converting Colors

YUV(71.7940, -3.8424, 65.9557)

Have a look what the booklet for
YUV(71.7940, -3.8424, 65.9557)
contains.

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Color

**YUV(71.7940, -3.8424,
65.9557)**

Conversions

Conversions Part 1

Format	Color
Hex	932340
RGB	147, 35, 64
RGB Percent	58%, 14%, 25%
CMY	0.4235, 0.8627, 0.7490
CMYK	0.00, 0.76, 0.56, 0.42
HSL	344°, 62%, 36%
HSV	344°, 76%, 58%
XYZ	13.5591, 7.7753, 5.6366
YIQ	71.7940, 57.4430, 32.7630

Conversions

Conversions Part 2

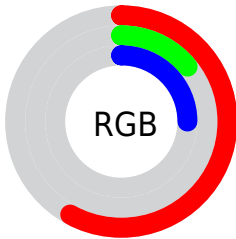
Format	Color
RYB	147, 35, 64
Decimal	9642816
CIELab	33.51, 47.85, 10.82
CIElCh	34, 49.059, 12.746
Yxy	7.7753, 0.5027, 0.2883
Android (android.graphics.Color)	4287832896 (0xFF932340)
YUV	71.7940, -3.8424, 65.9557
Hunter-Lab	27.8842, 38.0008, 7.5338

Details

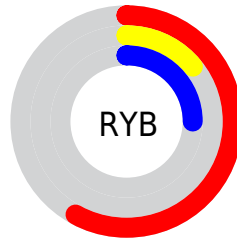
The YUV color **71.7940, -3.8424, 65.9557** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **110.2060, 3.8424, -65.9557**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.0780, -7.9265, 69.2146**, and **29.4180, -3.6571, 53.1304** is the 20% darker color. If you saturate the color by 10%, you get **61.7350, -4.3064, 74.7774**, and if you desaturate by 10%, it is **81.8530, -3.3785, 57.1339**.

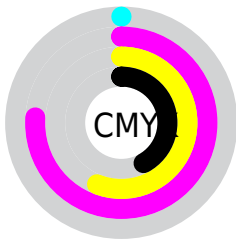
Distribution



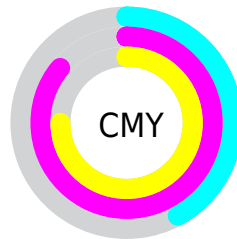
- Red (58%)
- Green (14%)
- Blue (25%)



- Red (58%)
- Yellow (14%)
- Blue (25%)



- Cyan (0%)
- Magenta (76%)
- Yellow (56%)
- Black (42%)





- Cyan (42%)
- Magenta (86%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.7940, -3.8424, 65.9557 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 71.7940, -3.8424, 65.9557 by changing the saturation by 10% instead.


 71.7940, -3.8424,
65.9557

 71.7940, -3.8424,
65.9557


255.0000, 0.0000,
0.0000


 40.0700, 0.9515,
68.3446


 127.0780, -7.9265,
69.2146

 29.4180, -3.6571,
53.1304

 154.8610, -8.8055,
71.1589

 19.2500, -8.9972,
39.2458

 179.3550, -8.0630,
66.3407

 10.2800, -4.5750,
20.8024

 198.2820, -4.0830,
49.7417

 0.0000, 0.0000,
0.0000

 218.4970, -0.2450,
32.0131

 238.1250, 3.8824,

14.7994

■ 71.7940, -3.8424,
65.9557

■ 71.7940, -3.8424,
65.9557

■ 61.7350, -4.3064,
74.7774

■ 81.8530, -3.3785,
57.1339

■ 52.2630, -5.0597,
83.0843

■ 91.3250, -2.6252,
48.8270

■ 48.2850, -5.0705,
86.5731

■ 101.3840, -2.1613,
40.0052

■ 111.4430, -1.6974,
31.1835

■ 121.3880, -1.6703,
22.4617

■ 130.8600, -0.9170,
14.1548

■ 140.9190, -0.4531,
5.3330

■ 150.9780, 0.0108,
-3.4887

■ 160.4500, 0.7642,
-11.7956

Harmonies

Analogous

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



75.8860, 13.3672, 52.7200



71.7940, -3.8424, 65.9557



73.6900, -23.0182, 56.3999

Triad

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



71.7940, -3.8424, 65.9557



65.0650, -25.6680, -27.2440



69.6850, 41.0743, -61.1137

Complementary

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



71.7940, -3.8424, 65.9557



110.2060, 3.8424, -65.9557

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.



70.6990, 29.7284, -62.0030



71.7940, -3.8424, 65.9557



61.9210, -3.9051, -54.3047

Square

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



71.7940, -3.8424, 65.9557



72.3530, -35.6700, 7.5834



67.1820, 13.7143, -58.9186



63.4560, 45.1312, -55.6509

Rectangle

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



71.7940, -3.8424, 65.9557



73.8720, -35.9259, 43.0853



67.1820, 13.7143, -58.9186



70.8760, 38.0221, -62.1583

Sweetspot

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



71.7940, -3.8424, 65.9557



161.5240, -1.2443, 25.8505



72.2860, 36.8340, 39.2142



78.8710, -0.9224, 15.8991



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



71.7940, -3.8424, 65.9557



74.1560, -5.9929, 102.4722



83.7500, -24.0337, 55.4703



69.2070, -0.5951, 4.2035



45.3660, -4.6174, 81.2400



3.3320, -0.1637, 5.8478

Inverse Universe

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



71.7940, -3.8424, 65.9557



74.1560, -5.9929, 102.4722



98.2500, 24.0338, -55.4703



69.2070, -0.5951, 4.2035



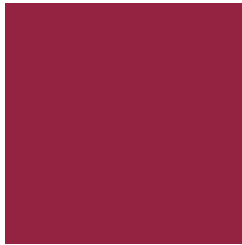
45.3660, -4.6174, 81.2400



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 71.7940, -3.8424, 65.9557 looks on a white background.

Color Contrast Check

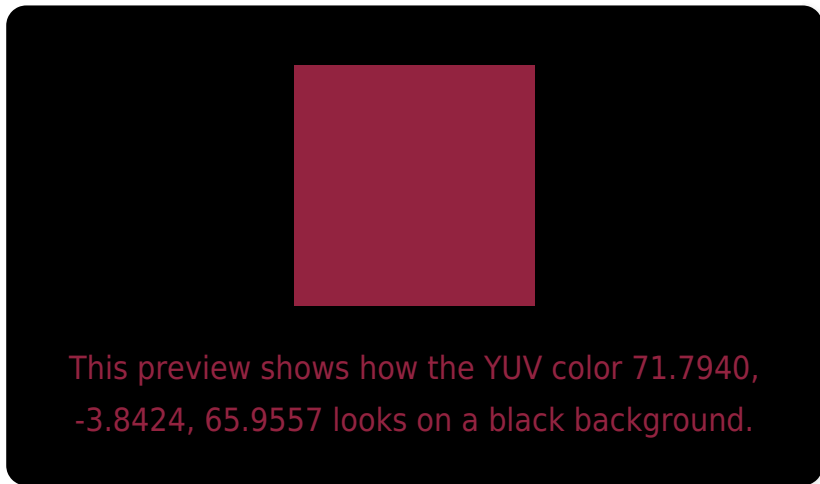
Large Text (above 18pt) WCAG AA ✓ Pass

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

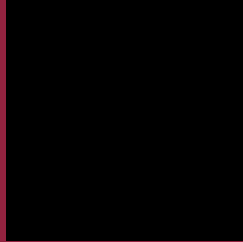
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.7940, -3.8424, 65.9557

Background



This preview shows how black text looks on a background with the YUV color 71.7940, -3.8424, 65.9557.



This preview shows how white text looks on a background with the YUV color 71.7940, -3.8424,

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

71.7940, -3.8424, 65.9557

Protanopia

80.6840, 2.6208, -0.5999

Deuteranopia

80.3300, -10.5157, 12.8656



Tritanopia

71.9220, -14.7515, 64.9664

Trichromacy



Original Color

71.7940, -3.8424, 65.9557

Protanomaly

77.5560, 0.2189, 23.1914

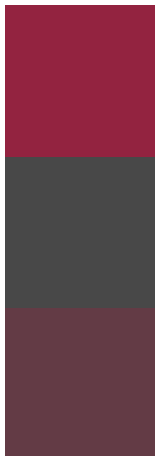
Deuteranomaly

77.4340, -8.1020, 32.0684

Tritanomaly

71.6600, -10.6784, 65.1962

Monochromacy



Original Color

71.7940, -3.8424, 65.9557

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1000, -1.5283, 23.5913

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.7940, -3.8424, 65.9557 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(147, 35, 64)` looks like.

```
.text, #text, p{  
    color:rgb(147, 35, 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(147, 35, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 35, 64) }
```

Border

The CSS property to change the border of an element to YUV 71.7940, -3.8424, 65.9557 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(147, 35, 64) }
```


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

```
.border{ border-color:rgb(147, 35, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 35, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 35, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 35, 64);  
box-shadow:4px 4px 4px 4px rgb(147, 35,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 71.7940, -3.8424, 65.9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 35, 64) }
```

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

```
.background{ background-color: rgb(147, 35,  
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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