

Converting Colors

YUV(67.3940, 13.1168, 86.4775)

Have a look what the booklet for
YUV(67.3940, 13.1168, 86.4775)
contains.

YUV(67.3940, 13.1168, 86.4775)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(67.3940, 13.1168,
86.4775)**

Conversions

Conversions Part 1

Format	Color
Hex	A60C5E
RGB	166, 12, 94
RGB Percent	65%, 5%, 37%
CMY	0.3490, 0.9529, 0.6314
CMYK	0.00, 0.93, 0.43, 0.35
HSL	328°, 87%, 35%
HSV	328°, 93%, 65%
XYZ	17.8777, 9.1781, 11.4190
YIQ	67.3940, 65.4620, 58.1500

Conversions

Conversions Part 2

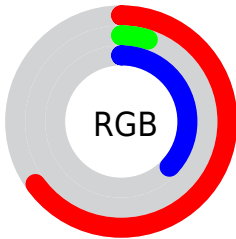
Format	Color
RYB	166, 12, 94
Decimal	10882142
CIELab	36.32, 60.94, -4.10
CIElCh	36, 61.080, 356.151
Yxy	9.1781, 0.4647, 0.2385
Android (android.graphics.Color)	4289072222 (0xFFA60C5E)
YUV	67.3940, 13.1168, 86.4775
Hunter-Lab	30.2954, 52.3186, -1.1409

Details

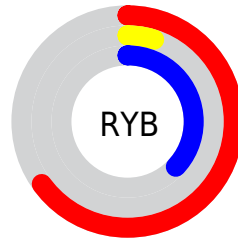
The YUV color **67.3940, 13.1168, 86.4775** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **110.6060, -13.1168, -86.4775**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.1240, 5.8549, 82.3293**, and **37.7640, 5.0463, 61.5970** is the 20% darker color. If you saturate the color by 10%, you get **59.6660, 13.9687, 93.2549**, and if you desaturate by 10%, it is **78.2850, 11.6915, 76.9261**.

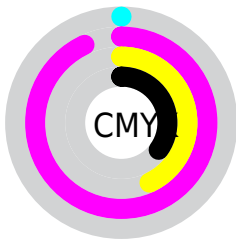
Distribution



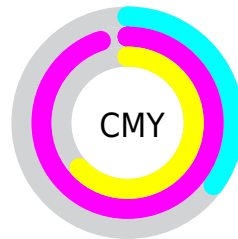
- Red (65%)
- Green (5%)
- Blue (37%)



- Red (65%)
- Yellow (5%)
- Blue (37%)



- Cyan (0%)
- Magenta (93%)
- Yellow (43%)
- Black (35%)





- Cyan (35%)
- Magenta (95%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YUV color 67.3940, 13.1168, 86.4775 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 67.3940, 13.1168, 86.4775 by changing the saturation by 10% instead.

 67.3940, 13.1168,
86.4775


 67.3940, 13.1168,
86.4775


255.0000, 0.0000,
0.0000


 48.9430, 10.3811,
77.2260


 132.1240, 5.8549,
82.3293


 37.7640, 5.0463,
61.5970


 160.8960, 4.9813,
82.5292


 27.1120, 0.4378,
46.3828

 180.4100, 8.6719,
65.4154

 16.3740, -7.0864,
32.9980

 200.0380, 12.7993,
48.2017

 1.4950, -0.7370,
3.0739

 220.3670, 17.0741,
30.3731

 0.0000, 0.0000,
0.0000

 237.3900, 8.6817,

15.4440

■ 67.3940, 13.1168,
86.4775

■ 67.3940, 13.1168,
86.4775

■ 59.6660, 13.9687,
93.2549

■ 78.2850, 11.6915,
76.9261

■ 88.5890, 10.5556,
67.8894

■ 99.3660, 8.6936,
58.4380

■ 109.6700, 7.5577,
49.4014

■ 120.5610, 6.1324,
39.8500

■ 131.4520, 4.7072,
30.2986

■ 141.6420, 3.1345,
21.3620

■ 152.5330, 1.7092,
11.8106

■ 162.8370, 0.5734,
2.7740

Harmonies

Analogous

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



84.0390, 28.0818, 46.4468



67.3940, 13.1168, 86.4775



71.0260, -12.3378, 84.1692

Triad

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



67.3940, 13.1168, 86.4775



74.6020, -36.7788, -10.1750



79.4990, 43.1380, -69.7206

Complementary

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



67.3940, 13.1168, 86.4775



110.6060, -13.1168, -86.4775

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.



76.8140, 25.2347, -67.3659



67.3940, 13.1168, 86.4775



62.6100, -19.0347, -54.9090

Square

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



67.3940, 13.1168, 86.4775



80.4370, -39.6554, 25.9268



71.0000, 2.9580, -62.2670



76.2680, 53.6049, -66.8870

Rectangle

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



67.3940, 13.1168, 86.4775



76.4760, -31.7867, 68.8655



71.0000, 2.9580, -62.2670



79.4190, 37.7544, -69.6505

Sweetspot

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



67.3940, 13.1168, 86.4775



177.8870, 4.9857, 34.3021



51.0840, 56.6536, 28.8673



85.6420, 3.1345, 21.3620



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



67.3940, 13.1168, 86.4775



77.9930, 18.2445, 121.9091



58.6160, -20.5167, 94.1758



78.8480, 0.5679, 4.5183



53.2580, 12.6908, 83.0887



7.2340, 1.8566, 11.1958

Inverse Universe

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



67.3940, 13.1168, 86.4775



77.9930, 18.2445, 121.9091



119.3840, 20.5167, -94.1758



78.8480, 0.5679, 4.5183



53.2580, 12.6908, 83.0887



7.2340, 1.8566, 11.1958

Previews

White Background



This preview shows how the YUV color 67.3940, 13.1168, 86.4775 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



This preview shows how the YUV color 67.3940, 13.1168, 86.4775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

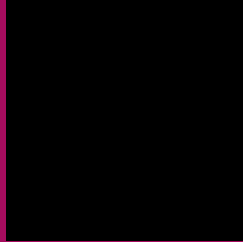
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.3940, 13.1168, 86.4775

Background



This preview shows how black text looks on a background with the YUV color 67.3940, 13.1168, 86.4775.



This preview shows how white text looks on a background with the YUV color 67.3940, 13.1168,

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

67.3940, 13.1168, 86.4775

Protanopia

86.6880, 23.3248, -14.6354

Deuteranopia

88.5170, -0.7479, 6.5626



Tritanopia

75.4890, -17.9891, 76.7471

Trichromacy



Original Color

67.3940, 13.1168, 86.4775

Protanomaly

79.5940, 19.4272, 22.2811

Deuteranomaly

80.4850, 4.6909, 35.5317

Tritanomaly

72.7850, -6.7960, 79.9956

Monochromacy



Original Color

67.3940, 13.1168, 86.4775

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.1640, 4.8491, 31.4282

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.3940, 13.1168, 86.4775 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(166, 12, 94)` looks like.

```
.text, #text, p{  
    color:rgb(166, 12, 94)  
}
```

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(166, 12, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 12, 94) }
```

Border

The CSS property to change the border of an element to YUV 67.3940, 13.1168, 86.4775 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(166, 12, 94) }
```


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

```
.border{ border-color:rgb(166, 12, 94) }
```

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

Here you see how a box with a 4 pixel rgb(166, 12, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 12, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 12, 94);  
box-shadow:4px 4px 4px 4px rgb(166, 12,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 67.3940, 13.1168, 86.4775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 12, 94) }
```

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

```
.background{ background-color: rgb(166, 12,  
94) }
```

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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