

Converting Colors

YUV(65.9650, 10.3703, 80.7147)

Have a look what the booklet for
YUV(65.9650, 10.3703, 80.7147)
contains.

YUV(65.9650, 10.3703, 80.7147)	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(65.9650, 10.3703,
80.7147)**

Conversions

Conversions Part 1

Format	Color
Hex	9E0F57
RGB	158, 15, 87
RGB Percent	62%, 6%, 34%
CMY	0.3804, 0.9412, 0.6588
CMYK	0.00, 0.91, 0.45, 0.38
HSL	330°, 83%, 34%
HSV	330°, 91%, 62%
XYZ	15.9917, 8.2989, 9.7758
YIQ	65.9650, 62.1160, 52.7080

Conversions

Conversions Part 2

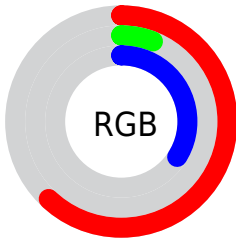
Format	Color
R_{YB}	158, 15, 87
Decimal	10358615
CIE Lab	34.60, 57.94, -2.32
CIE LCh	35, 57.982, 357.708
Yxy	8.2989, 0.4694, 0.2436
Android (android.graphics.Color)	4288548695 (0xFF9E0F57)
YUV	65.9650, 10.3703, 80.7147
Hunter-Lab	28.8078, 48.6748, 0.0456

Details

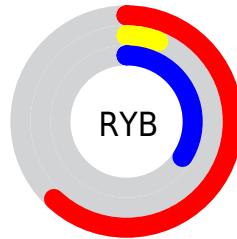
The YUV color **65.9650, 10.3703, 80.7147** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **107.0350, -10.3703, -80.7147**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.6350, 4.1239, 77.4961**, and **34.9870, 3.4574, 57.8934** is the 20% darker color. If you saturate the color by 10%, you get **56.3620, 11.6535, 89.1365**, and if you desaturate by 10%, it is **76.2690, 9.2344, 71.6781**.

Distribution



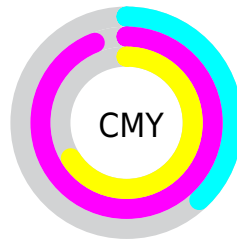
- Red (62%)
- Green (6%)
- Blue (34%)



- Red (62%)
- Yellow (6%)
- Blue (34%)



- Cyan (0%)
- Magenta (91%)
- Yellow (45%)
- Black (38%)





- Cyan (38%)
- Magenta (94%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YUV color 65.9650, 10.3703, 80.7147 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 65.9650, 10.3703, 80.7147 by changing the saturation by 10% instead.

 65.9650, 10.3703,
80.7147

 65.9650, 10.3703,
80.7147


255.0000, 0.0000,
0.0000

 45.8670, 8.9396,
72.9076


 128.6350, 4.1239,
77.4961

 34.9870, 3.4574,
57.8934


 157.0050, 2.9555,
78.9256


 24.3350, -1.1512,
42.6792


 178.3240, 5.7563,
67.2449

 13.9820, -5.9071,
28.0798

 198.5390, 9.5943,
49.5163

 0.0000, 0.0000,
0.0000

 218.1670, 13.7217,
32.3025

 236.2160, 9.2605,

16.4736

253.8260, 0.5788,
1.0296

■ 65.9650, 10.3703,
80.7147

■ 65.9650, 10.3703,
80.7147

■ 56.3620, 11.6535,
89.1365

■ 76.2690, 9.2344,
71.6781

■ 86.5730, 8.0985,
62.6415

■ 96.2900, 7.2520,
54.1197

■ 106.4800, 5.6794,
45.1830

■ 116.7840, 4.5435,
36.1464

■ 127.0880, 3.4076,
27.1098

■ 137.3920, 2.2717,
18.0732

■ 147.1090, 1.4253,
9.5514

■ 157.4130, 0.2894,
0.5148

Harmonies

Analogous

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



79.6430, 25.3190, 45.9171



65.9650, 10.3703, 80.7147



69.3410, -13.4791, 76.8769

Triad

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



65.9650, 10.3703, 80.7147



70.4600, -34.7368, -11.8044



75.7660, 41.5274, -66.4468

Complementary

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



65.9650, 10.3703, 80.7147



107.0350, -10.3703, -80.7147

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.



73.3090, 24.4977, -64.2920



65.9650, 10.3703, 80.7147



60.6040, -16.5668, -53.1497

Square

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



65.9650, 10.3703, 80.7147



76.5830, -37.7554, 23.1677



67.9510, 3.9682, -59.5930



72.1930, 50.6839, -63.3133

Rectangle

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



65.9650, 10.3703, 80.7147



73.4430, -31.7704, 63.6325



67.9510, 3.9682, -59.5930



75.0990, 36.4332, -65.8618

Sweetspot

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



65.9650, 10.3703, 80.7147



170.9360, 3.9756, 31.6281



51.9330, 52.2910, 28.1228



83.1040, 2.4137, 19.2028



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



65.9650, 10.3703, 80.7147



73.7490, 14.9137, 116.8611



57.9850, -20.2056, 87.7132



73.8480, 0.5679, 4.5183



50.9650, 10.3703, 80.7147



5.3970, 1.2833, 8.4218

Inverse Universe

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



65.9650, 10.3703, 80.7147



73.7490, 14.9137, 116.8611



115.0150, 20.2056, -87.7132



73.8480, 0.5679, 4.5183



50.9650, 10.3703, 80.7147



5.3970, 1.2833, 8.4218

Previews

White Background



This preview shows how the YUV color 65.9650, 10.3703, 80.7147 looks on a white background.

Color Contrast Check

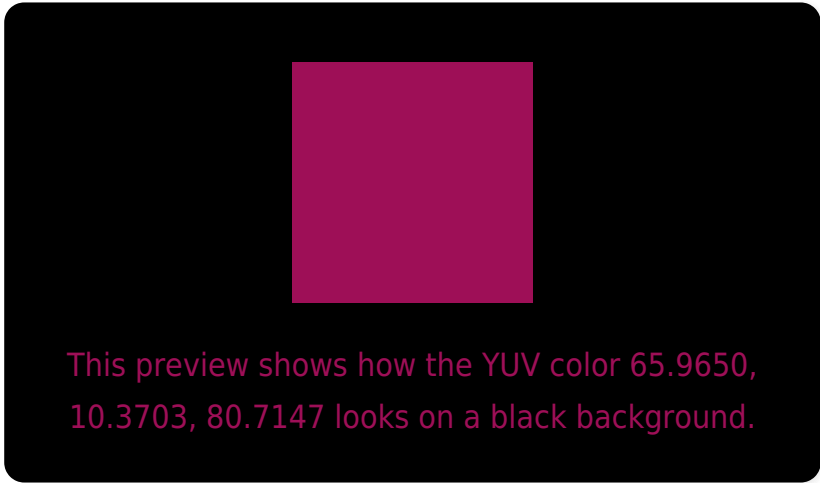
Large Text (above 18pt) WCAG AA ✓ Pass

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

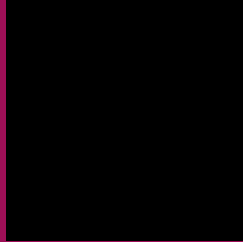
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.9650, 10.3703, 80.7147

Background



This preview shows how black text looks on a background with the YUV color 65.9650, 10.3703, 80.7147.



This preview shows how white text looks on a background with the YUV color 65.9650, 10.3703,

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

65.9650, 10.3703, 80.7147

Protanopia

82.9010, 20.2618, -12.1912

Deuteranopia

84.4740, -2.2057, 7.4773



Tritanopia

72.2820, -17.3940, 72.5437

Trichromacy



Original Color

65.9650, 10.3703, 80.7147

Protanomaly

76.8990, 16.8118, 21.1366

Deuteranomaly

77.9040, 2.5123, 34.2872

Tritanomaly

69.9370, -7.3639, 75.4773

Monochromacy



Original Color

65.9650, 10.3703, 80.7147

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.6260, 4.1284, 29.2690

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.9650, 10.3703, 80.7147 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(158, 15, 87)` looks like.

```
.text, #text, p{  
    color:rgb(158, 15, 87)  
}
```

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(158, 15, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 15, 87) }
```

Border

The CSS property to change the border of an element to YUV 65.9650, 10.3703, 80.7147 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(158, 15, 87) }
```


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

```
.border{ border-color:rgb(158, 15, 87) }
```

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

Here you see how a box with a 4 pixel rgb(158, 15, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 15, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 15, 87);  
box-shadow:4px 4px 4px 4px rgb(158, 15,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 65.9650, 10.3703, 80.7147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 15, 87) }
```

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

```
.background{ background-color: rgb(158, 15,  
87) }
```

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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