

Converting Colors

YUV(65.5890, 14.0066, 81.0444)

Have a look what the booklet for
YUV(65.5890, 14.0066, 81.0444)
contains.

YUV(65.5890, 14.0066, 81.0444)	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(65.5890, 14.0066,
81.0444)**

Conversions

Conversions Part 1

Format	Color
Hex	9E0D5E
RGB	158, 13, 94
RGB Percent	62%, 5%, 37%
CMY	0.3804, 0.9490, 0.6314
CMYK	0.00, 0.92, 0.41, 0.38
HSL	326°, 85%, 34%
HSV	326°, 92%, 62%
XYZ	16.2649, 8.3651, 11.3470
YIQ	65.5890, 60.4190, 55.9310

Conversions

Conversions Part 2

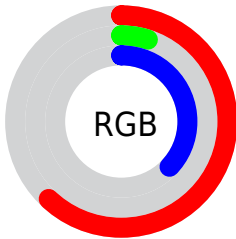
Format	Color
RYB	158, 13, 94
Decimal	10358110
CIELab	34.73, 58.92, -6.65
CIElCh	35, 59.294, 353.562
Yxy	8.3651, 0.4521, 0.2325
Android (android.graphics.Color)	4288548190 (0xFF9E0D5E)
YUV	65.5890, 14.0066, 81.0444
Hunter-Lab	28.9225, 49.7670, -3.0153

Details

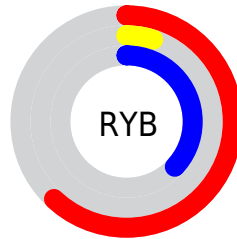
The YUV color **65.5890, 14.0066, 81.0444** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **105.4110, -14.0066, -81.0444**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.8460, 7.4709, 77.3111**, and **35.6710, 6.0782, 57.2935** is the 20% darker color. If you saturate the color by 10%, you get **57.2740, 15.1479, 88.3367**, and if you desaturate by 10%, it is **75.7790, 12.4340, 72.1078**.

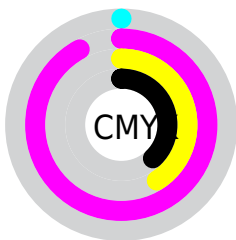
Distribution



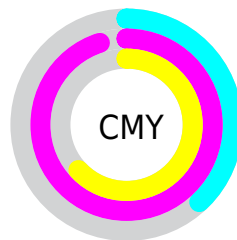
- Red (62%)
- Green (5%)
- Blue (37%)



- Red (62%)
- Yellow (5%)
- Blue (37%)



- Cyan (0%)
- Magenta (92%)
- Yellow (41%)
- Black (38%)



- Cyan (38%)
- Magenta (95%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.5890, 14.0066, 81.0444 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 65.5890, 14.0066, 81.0444 by changing the saturation by 10% instead.

65.5890, 14.0066,
81.0444

65.5890, 14.0066,
81.0444

255.0000, 0.0000,
0.0000

46.5510, 11.5604,
72.3078

128.8460, 7.4709,
77.3111

35.6710, 6.0782,
57.2935

157.3300, 6.7393,
78.6406

24.9050, 1.0328,
42.1793

179.2360, 9.2507,
66.4450

14.2810, -6.0545,
28.6946

198.8640, 13.3780,
49.2313

0.0000, 0.0000,
0.0000

219.1930, 17.6529,
31.4027

236.2160, 9.2605,

16.4736

253.8260, 0.5788,
1.0296

■ 65.5890, 14.0066,
81.0444

■ 65.5890, 14.0066,
81.0444

■ 57.2740, 15.1479,
88.3367

■ 75.7790, 12.4340,
72.1078

■ 85.9690, 10.8613,
63.1712

■ 95.5720, 9.5780,
54.7494

■ 105.7620, 8.0053,
45.8127

■ 115.9520, 6.4327,
36.8761

■ 126.1420, 4.8600,
27.9395

■ 136.3320, 3.2873,
19.0028

■ 145.9350, 2.0040,
10.5810

■ 156.1250, 0.4314,
1.6444

Harmonies

Analogous

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



81.4080, 28.3929, 39.9842



65.5890, 14.0066, 81.0444



66.9980, -9.8590, 82.4398

Triad

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



65.5890, 14.0066, 81.0444



72.2650, -35.6266, -6.3714



76.1250, 40.3644, -66.7616

Complementary

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



65.5890, 14.0066, 81.0444



105.4110, -14.0066, -81.0444

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.



73.3260, 22.0243, -64.3069



65.5890, 14.0066, 81.0444



59.4640, -20.9348, -52.1499

Square

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



65.5890, 14.0066, 81.0444



77.2030, -38.0611, 27.8860



67.2670, 1.3474, -58.9932



73.5950, 50.9787, -64.5428

Rectangle

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



65.5890, 14.0066, 81.0444



72.5020, -27.8555, 67.9657



67.2670, 1.3474, -58.9932



75.9310, 34.5440, -66.5915

Sweetspot

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



65.5890, 14.0066, 81.0444



169.9900, 5.4279, 32.4578



48.3670, 54.0491, 24.2341



82.0440, 3.4293, 20.1324



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.



65.5890, 14.0066, 81.0444



75.0030, 19.7185, 115.7614



57.4950, -17.0060, 88.1429



73.9620, 1.0047, 4.4183



51.8770, 13.8646, 79.9149



5.5110, 1.7201, 8.3219

Inverse Universe

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



65.5890, 14.0066, 81.0444



75.0030, 19.7185, 115.7614



113.5050, 17.0060, -88.1429



73.9620, 1.0047, 4.4183



51.8770, 13.8646, 79.9149



5.5110, 1.7201, 8.3219

Previews

White Background



This preview shows how the YUV color 65.5890, 14.0066, 81.0444 looks on a white background.

Color Contrast Check

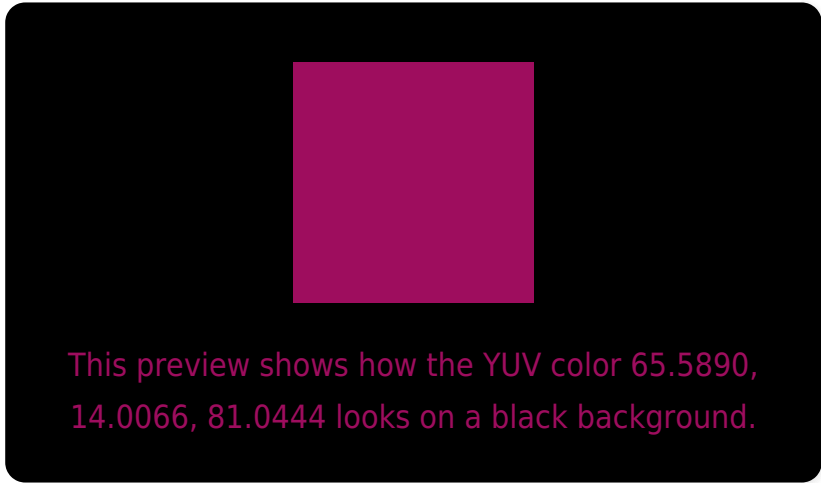
Large Text (above 18pt) WCAG AA ✓ Pass

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

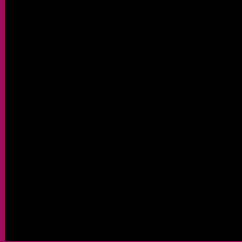
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.5890, 14.0066, 81.0444

Background



This preview shows how black text looks on a background with the YUV color 65.5890, 14.0066, 81.0444.



This preview shows how white text looks on a background with the YUV color 65.5890, 14.0066,

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

65.5890, 14.0066, 81.0444

Protanopia

82.5460, 25.3668, -16.2648

Deuteranopia

84.3750, 1.2941, 4.9331



Tritanopia

73.7980, -16.6624, 71.2142

Trichromacy



Original Color

65.5890, 14.0066, 81.0444

Protanomaly

76.3270, 21.0378, 19.0072

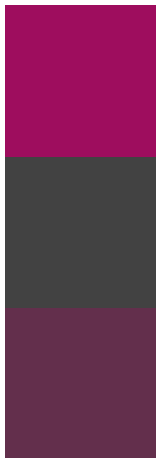
Deuteranomaly

77.5170, 6.1541, 32.8726

Tritanomaly

71.0940, -5.4693, 74.4626

Monochromacy



Original Color

65.5890, 14.0066, 81.0444

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.8540, 5.0020, 29.0690

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.5890, 14.0066, 81.0444 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, 13, 94)` looks like.

```
.text, #text, p{  
    color:rgb(158, 13, 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(158, 13, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 13, 94) }
```

Border

The CSS property to change the border of an element to YUV 65.5890, 14.0066, 81.0444 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, 13, 94) }
```


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

```
.border{ border-color:rgb(158, 13, 94) }
```

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

Here you see how a box with a 4 pixel rgb(158, 13, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 13, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 13, 94);  
box-shadow:4px 4px 4px 4px rgb(158, 13,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 65.5890, 14.0066, 81.0444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 13, 94) }
```

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

```
.background{ background-color: rgb(158, 13,  
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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