

Converting Colors

YUV(85.1860, 11.7403, 61.2269)

Have a look what the booklet for
YUV(85.1860, 11.7403, 61.2269)
contains.

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Color

**YUV(85.1860, 11.7403,
61.2269)**

Conversions

Conversions Part 1

Format	Color
Hex	9B2D6D
RGB	155, 45, 109
RGB Percent	61%, 18%, 43%
CMY	0.3922, 0.8235, 0.5725
CMYK	0.00, 0.71, 0.30, 0.39
HSL	325°, 55%, 39%
HSV	325°, 71%, 61%
XYZ	17.2163, 9.9495, 15.4810
YIQ	85.1860, 45.0160, 43.2240

Conversions

Conversions Part 2

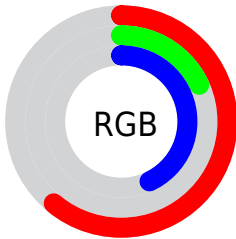
Format	Color
R_{YB}	155, 45, 109
Decimal	10169709
CIE _{Lab}	37.75, 51.21, -11.71
CIE _{LCh}	38, 52.537, 347.120
Yxy	9.9495, 0.4037, 0.2333
Android (android.graphics.Color)	4288359789 (0xFF9B2D6D)
YUV	85.1860, 11.7403, 61.2269
Hunter-Lab	31.5428, 42.2268, -7.0193

Details

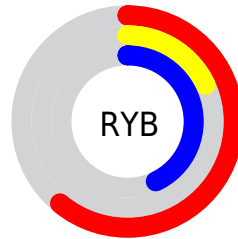
The YUV color **85.1860, 11.7403, 61.2269** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **114.8140, -11.7403, -61.2269**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.7410, 9.9877, 63.3711**, and **36.8540, 11.9040, 55.3790** is the 20% darker color. If you saturate the color by 10%, you get **75.6970, 13.4604, 69.5487**, and if you desaturate by 10%, it is **95.2620, 9.7308, 52.3902**.

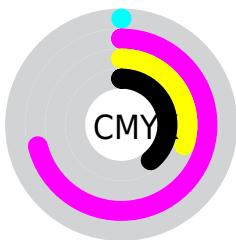
Distribution



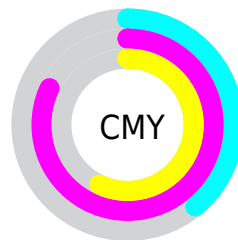
- Red (61%)
- Green (18%)
- Blue (43%)



- Red (61%)
- Yellow (18%)
- Blue (43%)



- Cyan (0%)
- Magenta (71%)
- Yellow (30%)
- Black (39%)





- Cyan (39%)
- Magenta (82%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.1860, 11.7403, 61.2269 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 85.1860, 11.7403, 61.2269 by changing the saturation by 10% instead.


 85.1860, 11.7403,
61.2269

 85.1860, 11.7403,
61.2269

255.0000, 0.0000,
0.0000


 52.9460, 15.8026,
64.9454


 140.7410, 9.9877,
63.3711


 36.8540, 11.9040,
55.3790

 168.3390, 9.6929,
64.6007


 26.3870, 6.7112,
40.8796

 191.1530, 11.7566,
55.9938

 16.8170, 1.0762,
28.2245

 210.8950, 16.3208,
38.6801

 0.0000, 0.0000,
0.0000

 229.1720, 12.7332,
22.6512

 246.1950, 4.3409,

7.7220

■ 85.1860, 11.7403,
61.2269

■ 85.1860, 11.7403,
61.2269

■ 75.6970, 13.4604,
69.5487

■ 95.2620, 9.7308,
52.3902

■ 65.5070, 15.0330,
78.4854

■ 104.8650, 8.4476,
43.9684

■ 56.6050, 16.4637,
86.2924

■ 114.9410, 6.4381,
35.1317

■ 124.5440, 5.1548,
26.7099

■ 134.6200, 3.1453,
17.8733

■ 144.2230, 1.8621,
9.4514

■ 154.2990, -0.1474,
0.6148

■ 163.9020, -1.4307,
-7.8071

■ 173.9780, -3.4402,
-16.6437

Harmonies

Analogous

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



90.7930, 27.7101, 25.6145



85.1860, 11.7403, 61.2269



81.6160, -7.2057, 71.3738

Triad

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



85.1860, 11.7403, 61.2269



80.5930, -39.7323, 3.8649



79.4360, 35.2811, -69.6654

Complementary

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



85.1860, 11.7403, 61.2269



114.8140, -11.7403, -61.2269

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.



76.2780, 18.1039, -66.8958



85.1860, 11.7403, 61.2269



71.8680, -23.5989, -37.5952

Square

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



85.1860, 11.7403, 61.2269



83.7370, -41.2823, 34.4337



70.5610, -1.2626, -61.8820



77.7210, 46.4795, -68.1613

Rectangle

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



85.1860, 11.7403, 61.2269



83.2010, -21.2981, 64.7217



70.5610, -1.2626, -61.8820



78.6550, 29.7501, -68.9804

Sweetspot

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



85.1860, 11.7403, 61.2269



174.4080, 4.7289, 23.3212



71.2940, 41.2671, 17.2822



86.0710, 2.4300, 13.9697



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



85.1860, 11.7403, 61.2269



92.5290, 18.4732, 95.1291



78.9160, -12.2836, 66.7257



71.8480, 0.5679, 4.5183



51.2080, 15.1805, 77.8706



4.6850, 1.1413, 7.2923

Inverse Universe

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



85.1860, 11.7403, 61.2269



92.5290, 18.4732, 95.1291



121.0840, 12.2836, -66.7257



71.8480, 0.5679, 4.5183



51.2080, 15.1805, 77.8706



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 85.1860, 11.7403, 61.2269 looks on a white background.

Color Contrast Check

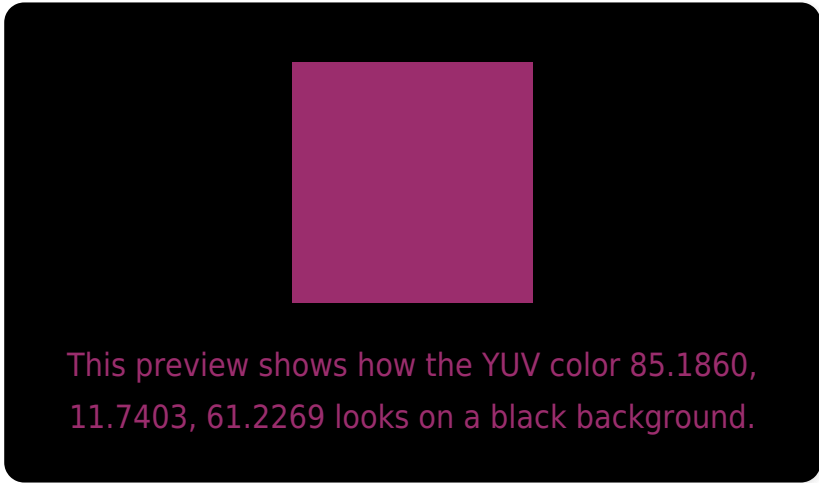
Large Text (above 18pt) WCAG AA ✓ Pass

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

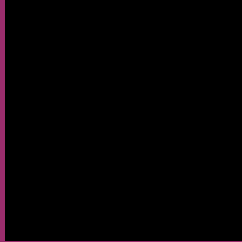
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.1860, 11.7403, 61.2269

Background



This preview shows how black text looks on a background with the YUV color 85.1860, 11.7403, 61.2269.



This preview shows how white text looks on a background with the YUV color 85.1860, 11.7403,

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

85.1860, 11.7403, 61.2269

Protanopia

88.8450, 25.2194, -15.6501

Deuteranopia

90.9060, 5.9623, 0.9594



Tritanopia

86.2630, -11.9617, 56.7743

Trichromacy



Original Color

85.1860, 11.7403, 61.2269

Protanomaly

87.4680, 20.4753, 12.7446

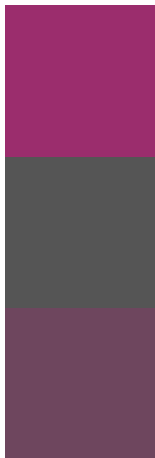
Deuteranomaly

88.6190, 8.0758, 23.1361

Tritanomaly

85.5650, -3.2365, 58.2635

Monochromacy



Original Color

85.1860, 11.7403, 61.2269

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.6960, 4.5869, 22.1916

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.1860, 11.7403, 61.2269 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(155, 45, 109)` looks like.

```
.text, #text, p{  
    color:rgb(155, 45, 109)  
}
```

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(155, 45, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 45, 109) }
```

Border

The CSS property to change the border of an element to YUV 85.1860, 11.7403, 61.2269 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(155, 45, 109) }
```


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

```
.border{ border-color:rgb(155, 45, 109) }
```

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

Here you see how a box with a 4 pixel rgb(155, 45, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 45, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 45, 109);  
box-shadow:4px 4px 4px 4px rgb(155, 45,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 85.1860, 11.7403, 61.2269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 45, 109) }
```

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

```
.background{ background-color: rgb(155, 45,  
109) }
```

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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