

Converting Colors

YUV(59.8260, -9.2812, 36.9866)

Have a look what the booklet for
YUV(59.8260, -9.2812, 36.9866)
contains.

YUV(59.8260, -9.2812, 36.9866)	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(59.8260, -9.2812,
36.9866)**

Conversions

Conversions Part 1

Format	Color
Hex	662A29
RGB	102, 42, 41
RGB Percent	40%, 16%, 16%
CMY	0.6000, 0.8353, 0.8392
CMYK	0.00, 0.59, 0.60, 0.60
HSL	1°, 43%, 28%
HSV	1°, 60%, 40%
XYZ	6.7077, 4.6408, 2.6401
YIQ	59.8260, 36.0810, 12.4090

Conversions

Conversions Part 2

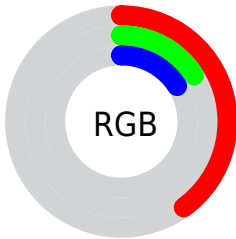
Format	Color
RYB	102, 42, 41
Decimal	6695465
CIELab	25.69, 26.94, 13.99
CIElCh	26, 30.357, 27.432
Yxy	4.6408, 0.4795, 0.3318
Android (android.graphics.Color)	4284885545 (0xFF662A29)
YUV	59.8260, -9.2812, 36.9866
Hunter-Lab	21.5425, 17.8801, 7.8137

Details

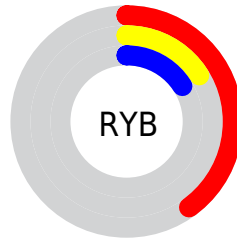
The YUV color **59.8260, -9.2812, 36.9866** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **83.1740, 9.2812, -36.9866**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.2780, -11.4761, 40.9752**, and **15.2490, -7.5178, 31.3536** is the 20% darker color. If you saturate the color by 10%, you get **52.8160, -10.7553, 43.1344**, and if you desaturate by 10%, it is **66.8360, -7.8071, 30.8388**.

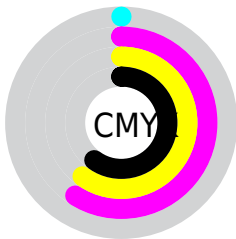
Distribution



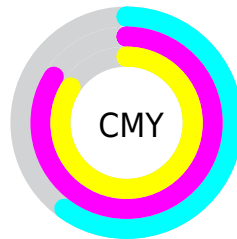
- Red (40%)
- Green (16%)
- Blue (16%)



- Red (40%)
- Yellow (16%)
- Blue (16%)



- Cyan (0%)
- Magenta (59%)
- Yellow (60%)
- Black (60%)



- Cyan (60%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.8260, -9.2812, 36.9866 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 59.8260, -9.2812, 36.9866 by changing the saturation by 10% instead.

■ 59.8260, -9.2812,
36.9866

■ 59.8260, -9.2812,
36.9866

■ 255.0000, 0.0000,
0.0000

■ 36.2710, -7.5286,
34.8423

■ 109.2780,
-11.4761, 40.9752

■ 15.2490, -7.5178,
31.3536

■ 135.0610,
-12.3551, 42.9195

■ 5.6810, -2.8007,
11.6808

■ 161.9580,
-12.7973, 44.7638

■ 0.0000, 0.0000,
0.0000

■ 188.8550,
-13.2395, 46.6082

■ 212.2560,
-11.4652, 37.4865

■ 231.8840, -7.3378,

20.2727

252.0990, -3.4998,
2.5442

59.8260, -9.2812,
36.9866

59.8260, -9.2812,
36.9866

52.8160, -10.7553,
43.1344

66.8360, -7.8071,
30.8388

45.8060, -12.2294,
49.2821

73.8460, -6.3331,
24.6911

38.6820, -14.1402,
55.5299

80.9700, -4.4222,
18.4433

31.6720, -15.6143,
61.6777

87.9800, -2.9481,
12.2955

94.9900, -1.4741,
6.1478

■ 102.0000, 0.0000,
0.0000

■ 109.0100, 1.4741,
-6.1478

■ 116.1340, 3.3849,
-12.3955

■ 123.1440, 4.8590,
-18.5433

Harmonies

Analogous

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



60.9750, 1.4913, 35.1019



59.8260, -9.2812, 36.9866



59.3660, -18.4214, 28.6200

Triad

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



59.8260, -9.2812, 36.9866



51.0600, -7.9176, -27.2396



49.7660, 28.2164, -43.6448

Complementary

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



59.8260, -9.2812, 36.9866



83.1740, 9.2812, -36.9866

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.



51.7890, 23.2750, -45.4190



59.8260, -9.2812, 36.9866



48.8760, 4.4981, -42.8643

Square

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



59.8260, -9.2812, 36.9866



56.2280, -19.3394, -3.7080



51.4980, 14.5445, -45.1637



61.8420, 19.7979, -3.3694

Rectangle

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



59.8260, -9.2812, 36.9866



58.5730, -22.4675, 19.6685



51.4980, 14.5445, -45.1637



50.8260, 27.2008, -44.5744

Sweetspot

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



59.8260, -9.2812, 36.9866



116.1760, -3.5378, 14.7546



66.1930, 17.6529, 31.4027



56.1860, -2.0637, 8.6069



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



59.8260, -9.2812, 36.9866



66.8780, -14.7299, 57.9890



77.4360, -17.9629, 21.5426



47.4950, -0.7370, 3.0739



35.5590, -17.5306, 69.6698



74.7060, -36.8301, 146.7168

Inverse Universe

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



83.1740, 9.2812, -36.9866



103.1220, 14.7299, -57.9890



66.1510, 17.6736, -22.0574



49.5050, 0.7370, -3.0739



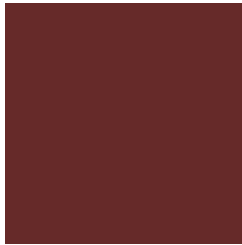
79.4410, 17.5306, -69.6698



167.2940, 36.8301, -146.7168

Previews

White Background



This preview shows how the YUV color 59.8260, -9.2812, 36.9866 looks on a white background.

Color Contrast Check

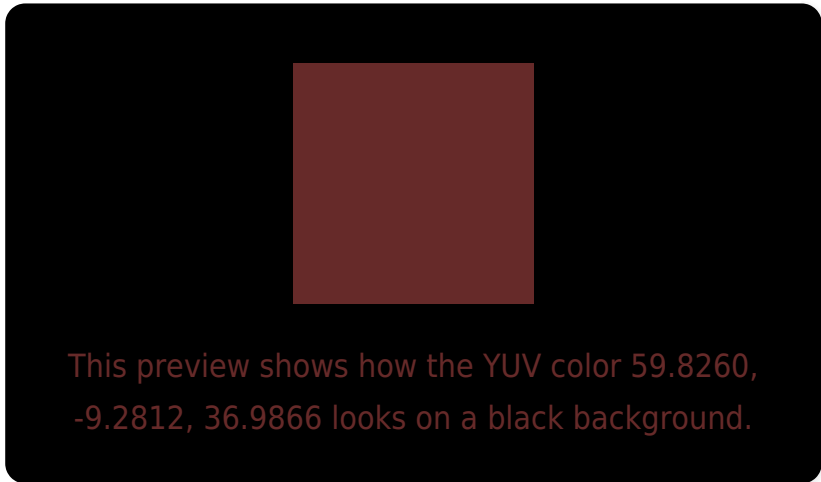
Large Text (above 18pt) WCAG AA ✓ Pass

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

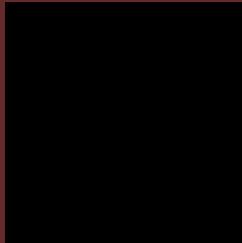
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.8260, -9.2812, 36.9866

Background



This preview shows how black text looks on a background with the YUV color 59.8260, -9.2812, 36.9866.

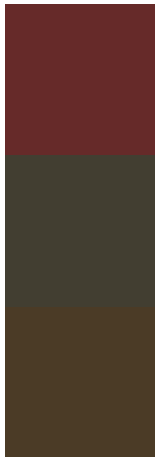


This preview shows how white text looks on a background with the YUV color 59.8260, -9.2812,

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

59.8260, -9.2812, 36.9866

Protanopia

61.7140, -6.2680, 3.7588

Deuteranopia

61.3900, -11.5313, 11.9360



Tritanopia

60.1680, -7.9708, 36.6867

Trichromacy



Original Color

59.8260, -9.2812, 36.9866

Protanomaly

61.1500, -7.4689, 15.6545

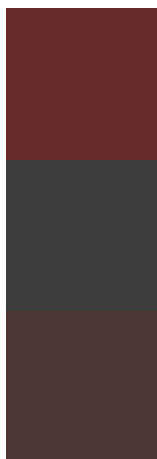
Deuteranomaly

60.9720, -10.8322, 21.0726

Tritanomaly

60.0540, -8.4076, 36.7866

Monochromacy



Original Color

59.8260, -9.2812, 36.9866

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.5780, -3.2430, 13.5251

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.8260, -9.2812, 36.9866 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(102, 42, 41)` looks like.

```
.text, #text, p{  
    color:rgb(102, 42, 41)  
}
```

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(102, 42, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 42, 41) }
```

Border

The CSS property to change the border of an element to YUV 59.8260, -9.2812, 36.9866 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(102, 42, 41) }
```


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

```
.border{ border-color:rgb(102, 42, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 42, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 42, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 42, 41);  
box-shadow:4px 4px 4px 4px rgb(102, 42,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 59.8260, -9.2812, 36.9866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 42, 41) }
```

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

```
.background{ background-color: rgb(102, 42,  
41) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor