

Converting Colors

YUV(59.7090, -12.1815,
-12.8998)

Have a look what the booklet for
YUV(59.7090, -12.1815, -12.8998)
contains.

YUV(59.7090, -12.1815, -12.8998)	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(59.7090, -12.1815,
-12.8998)**

Conversions

Conversions Part 1

Format	Color
Hex	2D4823
RGB	45, 72, 35
RGB Percent	18%, 28%, 14%
CMY	0.8235, 0.7176, 0.8627
CMYK	0.37, 0.00, 0.51, 0.72
HSL	104°, 35%, 21%
HSV	104°, 51%, 28%
XYZ	3.7029, 5.3140, 2.4206
YIQ	59.7090, -4.2150, -17.2310

Conversions

Conversions Part 2

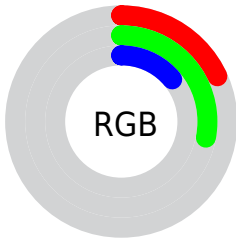
Format	Color
R_{YB}	35, 72, 62
Decimal	2967587
CIE _{Lab}	27.61, -18.48, 18.95
CIE _{LCh}	28, 26.471, 134.270
Yxy	5.3140, 0.3238, 0.4646
Android (android.graphics.Color)	4281157667 (0xFF2D4823)
YUV	59.7090, -12.1815, -12.8998
Hunter-Lab	23.0520, -11.6680, 9.9105

Details

The YUV color **59.7090, -12.1815, -12.8998** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **47.2910, 12.1815, 12.8998**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.6550, -13.6339, -13.7294**, and **17.0230, -8.3923, -14.9292** is the 20% darker color. If you saturate the color by 10%, you get **57.4160, -14.5021, -15.2738**, and if you desaturate by 10%, it is **62.0020, -9.8610, -10.5258**.

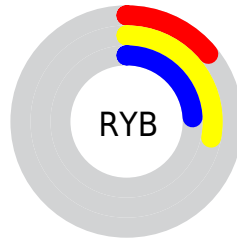
Distribution



Red (18%)

Green (28%)

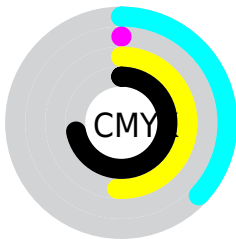
Blue (14%)



Red (14%)

Yellow (28%)

Blue (24%)

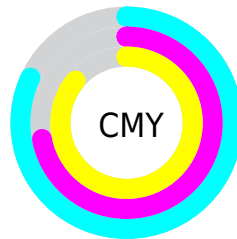


Cyan (37%)

Magenta (0%)

Yellow (51%)

Black (72%)



Cyan (82%)

Magenta (72%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.7090, -12.1815, -12.8998 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 59.7090, -12.1815, -12.8998 by changing the saturation by 10% instead.

■ 59.7090, -12.1815,
-12.8998

■ 59.7090, -12.1815,
-12.8998

255.0000, 0.0000,
0.0000

■ 37.2360, -11.4553,
-12.4850

■ 107.6550,
-13.6339, -13.7294

■ 17.0230, -8.3923,
-14.9292

■ 133.2420,
-13.9233, -14.2442

■ 0.0000, 0.0000,
0.0000

■ 159.1280,
-14.3601, -14.1443

■ 186.6010,
-15.0863, -14.5591

■ 214.4870,
-15.5231, -14.4591

■ 241.3130,

-14.9443, -13.4295

■ 253.1760, -6.9888,
1.5996

■ 59.7090, -12.1815,
-12.8998

■ 59.7090, -12.1815,
-12.8998

■ 57.4160, -14.5021,
-15.2738

■ 62.0020, -9.8610,
-10.5258

■ 54.8240, -16.6752,
-18.2626

■ 64.5940, -7.6878,
-7.5369

■ 52.4170, -19.4326,
-20.5367

■ 67.0010, -4.9305,
-5.2629

■ 50.1240, -21.7531,
-22.9107

■ 69.2940, -2.6099,
-2.8888

■ 47.9450, -23.6369,
-25.3848

■ 71.5870, -0.2894,
-0.5148

■ 74.1790, 1.8838,
2.4740

■ 76.4720, 4.2043,
4.8481

■ 78.8790, 6.9617,
7.1221

■ 81.1720, 9.2822,
9.4962

Harmonies

Analogous

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



62.3970, -18.9297, 4.9138



59.7090, -12.1815, -12.8998



52.8720, 0.5561, -38.4757

Triad

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



59.7090, -12.1815, -12.8998



52.9460, 25.1696, -46.4336



65.3570, -4.6130, 33.0129

Complementary

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



59.7090, -12.1815, -12.8998



47.2910, 12.1815, 12.8998

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.



66.5440, 5.1548, 26.7099



59.7090, -12.1815, -12.8998



63.7760, 19.8304, -13.8356

Square

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



59.7090, -12.1815, -12.8998



54.0400, 19.2073, -47.3931



67.2090, 13.2080, 10.3407



65.0440, -13.3327, 29.7794

Rectangle

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



59.7090, -12.1815, -12.8998



51.7770, 7.9979, -45.4084



67.2090, 13.2080, 10.3407



66.1550, -1.5554, 32.3131

Sweetspot

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



59.7090, -12.1815, -12.8998



89.4140, -4.6411, -4.7481



61.9120, -13.2676, 8.8472



45.2940, -2.6099, -2.8888



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



59.7090, -12.1815, -12.8998



74.8300, -19.1432, -20.0219



57.6310, -7.2131, -19.8474



34.6470, -1.3050, -1.4444



66.1860, -32.6297, -34.3661



151.4880, -74.6836, -79.3580

Inverse Universe

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



47.2910, 12.1815, 12.8998



55.4690, 18.9958, 20.6367



49.3690, 7.2131, 19.8474



33.3530, 1.3050, 1.4444



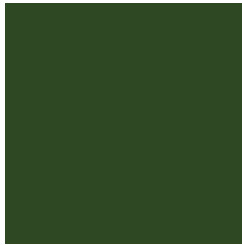
33.1130, 32.4823, 34.9809



75.5120, 74.6836, 79.3580

Previews

White Background



This preview shows how the YUV color 59.7090, -12.1815, -12.8998 looks on a white background.

Color Contrast Check

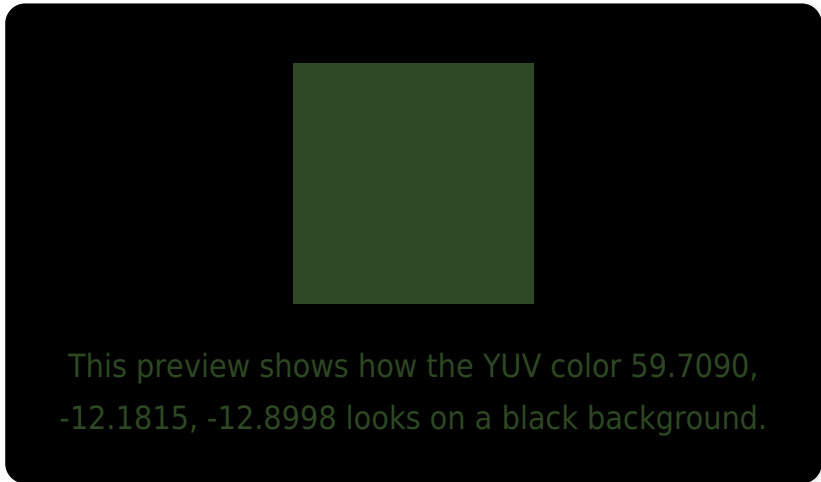
Large Text (above 18pt) WCAG AA ✓ Pass

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

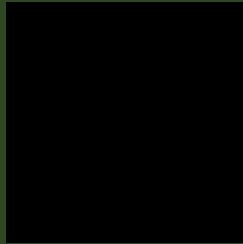
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.7090, -12.1815, -12.8998

Background



This preview shows how black text looks on a background with the YUV color 59.7090, -12.1815, -12.8998.



This preview shows how white text looks on a background with the YUV color 59.7090, -12.1815, -12.8998.

-12.8998.

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

59.7090, -12.1815, -12.8998

Protanopia

63.4450, -15.0094, 7.5027

Deuteranopia

64.3470, -12.9891, 12.8507



Tritanopia

63.7860, 4.5425, -10.3363

Trichromacy



Original Color

59.7090, -12.1815, -12.8998

Protanomaly

62.3300, -13.9667, -0.2894

Deuteranomaly

62.9930, -12.8145, 3.5141

Tritanomaly

61.8800, -1.4198, -11.2958

Monochromacy



Original Color

59.7090, -12.1815, -12.8998

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.8270, -4.3517, -4.2333

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.7090, -12.1815, -12.8998 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(45, 72, 35)` looks like.

```
.text, #text, p{  
    color:rgb(45, 72, 35)  
}
```

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(45, 72, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 72, 35) }
```

Border

The CSS property to change the border of an element to YUV 59.7090, -12.1815, -12.8998 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(45, 72, 35) }
```


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

```
.border{ border-color:rgb(45, 72, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 72, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 72, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 72, 35);  
box-shadow:4px 4px 4px 4px rgb(45, 72, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.7090, -12.1815, -12.8998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 72, 35) }
```

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

```
.background{ background-color: rgb(45, 72,  
35) }
```

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