

Converting Colors

YUV(59.9160, -12.7766, -8.6963)

Have a look what the booklet for
YUV(59.9160, -12.7766, -8.6963)
contains.

YUV(59.9160, -12.7766, -8.6963)	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(59.9160, -12.7766,
-8.6963)**

Conversions

Conversions Part 1

Format	Color
Hex	324622
RGB	50, 70, 34
RGB Percent	20%, 27%, 13%
CMY	0.8039, 0.7255, 0.8667
CMYK	0.29, 0.00, 0.51, 0.73
HSL	93°, 35%, 20%
HSV	93°, 51%, 27%
XYZ	3.7943, 5.1739, 2.3121
YIQ	59.9160, -0.3640, -15.4360

Conversions

Conversions Part 2

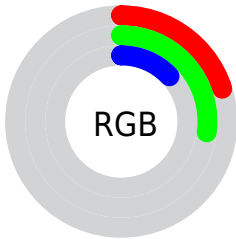
Format	Color
R_{YB}	34, 70, 54
Decimal	3294754
CIE _{Lab}	27.22, -15.43, 19.14
CIE _{LCh}	27, 24.586, 128.870
Yxy	5.1739, 0.3364, 0.4587
Android (android.graphics.Color)	4281484834 (0xFF324622)
YUV	59.9160, -12.7766, -8.6963
Hunter-Lab	22.7463, -10.0305, 9.8958

Details

The YUV color **59.9160, -12.7766, -8.6963** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **44.0840, 12.7766, 8.6963**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.2750, -13.9396, -9.0112**, and **16.4360, -8.1029, -14.4144** is the 20% darker color. If you saturate the color by 10%, you get **57.9220, -15.2445, -10.4556**, and if you desaturate by 10%, it is **61.9100, -10.3086, -6.9371**.

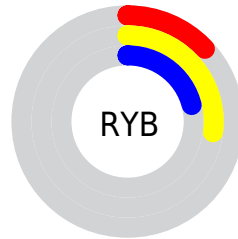
Distribution



Red (20%)

Green (27%)

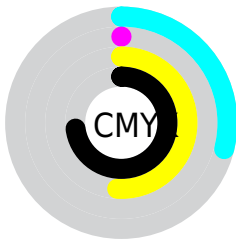
Blue (13%)



Red (13%)

Yellow (27%)

Blue (21%)

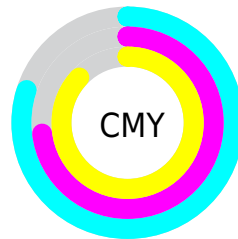


Cyan (29%)

Magenta (0%)

Yellow (51%)

Black (73%)



Cyan (80%)

Magenta (73%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.9160, -12.7766, -8.6963 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 59.9160, -12.7766, -8.6963 by changing the saturation by 10% instead.

■ 59.9160, -12.7766,
-8.6963

■ 59.9160, -12.7766,
-8.6963

255.0000, 0.0000,
0.0000

■ 38.0300, -12.3398,
-8.7963

■ 107.2750,
-13.9396, -9.0112

■ 16.4360, -8.1029,
-14.4144

■ 133.0470,
-14.8132, -8.8112

■ 0.0000, 0.0000,
0.0000

■ 159.6340,
-15.1026, -9.3260

■ 186.2210,
-15.3920, -9.8408

■ 214.1070,
-15.8288, -9.7408

■ 242.5800,

-16.5549, -10.1557

■ 253.0620, -7.4256,
1.6996

■ 59.9160, -12.7766,
-8.6963

■ 59.9160, -12.7766,
-8.6963

■ 57.9220, -15.2445,
-10.4556

■ 61.9100, -10.3086,
-6.9371

■ 55.9280, -17.7125,
-12.2149

■ 63.9040, -7.8407,
-5.1778

■ 53.9340, -20.1805,
-13.9741

■ 65.8980, -5.3727,
-3.4185

■ 51.9400, -22.6484,
-15.7334

■ 67.8920, -2.9048,
-1.6593

■ 50.3590, -24.8270,
-16.9778

■ 69.5870, -0.2894,
-0.5148

■ 71.5810, 2.1786,
1.2445

■ 73.5750, 4.6465,
3.0037

■ 75.5690, 7.1145,
4.7630

■ 77.5630, 9.5824,
6.5222

Harmonies

Analogous

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



62.0490, -17.7722, 6.9730



59.9160, -12.7766, -8.6963



55.4280, -2.6760, -28.4394

Triad

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



59.9160, -12.7766, -8.6963



52.3760, 22.9856, -45.9338



65.3890, -3.1498, 30.3538

Complementary

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



59.9160, -12.7766, -8.6963



44.0840, 12.7766, 8.6963

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.



66.3370, 5.7499, 22.5065



59.9160, -12.7766, -8.6963



61.9390, 19.2571, -16.6095

Square

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



59.9160, -12.7766, -8.6963



52.7690, 16.8759, -46.2784



66.0020, 13.8030, 6.1372



64.3150, -11.0013, 28.6647

Rectangle

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



59.9160, -12.7766, -8.6963



50.6200, 6.1033, -44.3937



66.0020, 13.8030, 6.1372



65.5890, 0.2026, 28.4244

Sweetspot

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



59.9160, -12.7766, -8.6963



88.0120, -4.9359, -3.5185



56.5040, -11.0945, 11.8360



43.5930, -2.7573, -2.2741



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



59.9160, -12.7766, -8.6963



75.9340, -20.1805, -13.9741



55.3600, -9.5445, -18.7327



34.9460, -1.4524, -0.8296



71.2690, -35.1356, -23.9149



163.4480, -80.5799, -54.7669

Inverse Universe

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



44.0840, 12.7766, 8.6963



51.0660, 20.1805, 13.9741



48.6400, 9.5445, 18.7327



33.0540, 1.4524, 0.8296



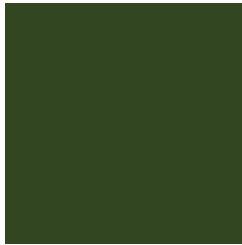
27.7310, 35.1356, 23.9149



63.5520, 80.5799, 54.7669

Previews

White Background



This preview shows how the YUV color 59.9160, -12.7766, -8.6963 looks on a white background.

Color Contrast Check

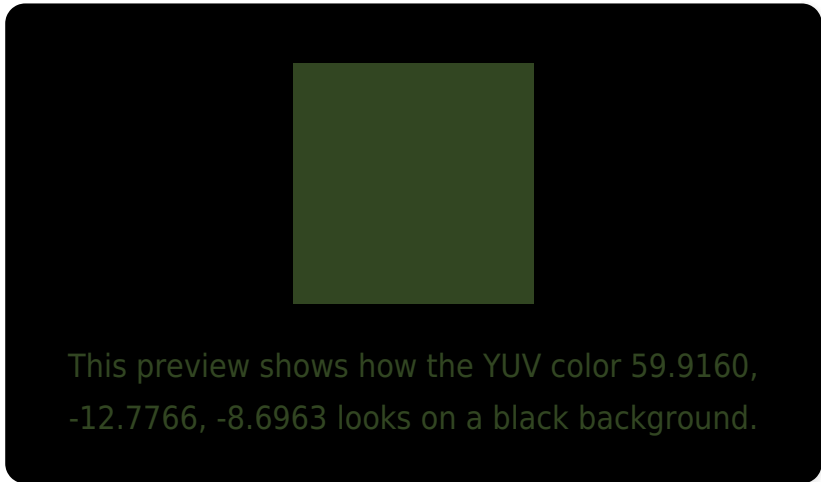
Large Text (above 18pt) WCAG AA ✓ Pass

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

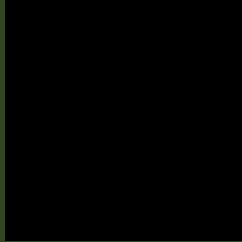
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.9160, -12.7766, -8.6963

Background



This preview shows how black text looks on a background with the YUV color 59.9160, -12.7766, -8.6963.



This preview shows how white text looks on a background with the YUV color 59.9160, -12.7766, -8.6963.

-8.6963.

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

59.9160, -12.7766, -8.6963

Protanopia

62.4450, -15.0094, 7.5027

Deuteranopia

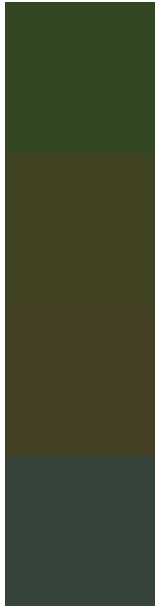
63.2330, -13.4259, 12.9507



Tritanopia

63.5800, 3.6581, -6.6477

Trichromacy



Original Color

59.9160, -12.7766, -8.6963

Protanomaly

61.3410, -13.9721, 1.4549

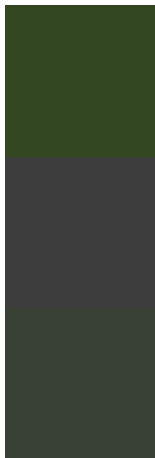
Deuteranomaly

61.8900, -13.2568, 5.3585

Tritanomaly

62.0870, -2.0149, -7.0923

Monochromacy



Original Color

59.9160, -12.7766, -8.6963

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.1260, -4.4991, -3.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.9160, -12.7766, -8.6963 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(50, 70, 34)` looks like.

```
.text, #text, p{  
    color:rgb(50, 70, 34)  
}
```

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(50, 70, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 70, 34) }
```

Border

The CSS property to change the border of an element to YUV 59.9160, -12.7766, -8.6963 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(50, 70, 34) }
```


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

```
.border{ border-color:rgb(50, 70, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 70, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 70, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 70, 34);  
box-shadow:4px 4px 4px 4px rgb(50, 70, 34)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.9160, -12.7766, -8.6963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 70, 34) }
```

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

```
.background{ background-color: rgb(50, 70,  
34) }
```

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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