

Converting Colors

YUV(59.0870, -22.2279,
-10.6003)

Have a look what the booklet for
YUV(59.0870, -22.2279, -10.6003)
contains.

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Color

**YUV(59.0870, -22.2279,
-10.6003)**

Conversions

Conversions Part 1

Format	Color
Hex	2F4A0E
RGB	47, 74, 14
RGB Percent	18%, 29%, 5%
CMY	0.8157, 0.7098, 0.9451
CMYK	0.36, 0.00, 0.81, 0.71
HSL	87°, 68%, 17%
HSV	87°, 81%, 29%
XYZ	3.7003, 5.5336, 1.2885
YIQ	59.0870, 3.1680, -24.3840

Conversions

Conversions Part 2

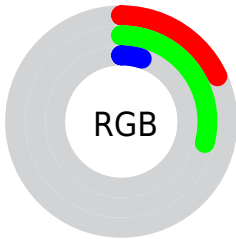
Format	Color
RYB	14, 74, 41
Decimal	3099150
CIELab	28.20, -21.07, 30.64
CIELCh	28, 37.185, 124.521
Yxy	5.5336, 0.3517, 0.5259
Android (android.graphics.Color)	4281289230 (0xFF2F4A0E)
YUV	59.0870, -22.2279, -10.6003
Hunter-Lab	23.5236, -13.0877, 13.2189

Details

The YUV color **59.0870, -22.2279, -10.6003** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **28.9130, 22.2279, 10.6003**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.8590, -23.1015, -10.4003**, and **18.1970, -8.9711, -15.9588** is the 20% darker color. If you saturate the color by 10%, you get **57.3920, -24.8433, -11.7448**, and if you desaturate by 10%, it is **60.7820, -19.6125, -9.4558**.

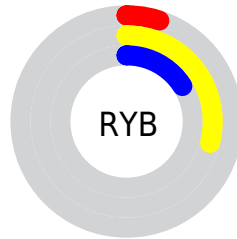
Distribution



Red (18%)

Green (29%)

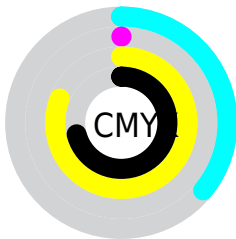
Blue (5%)



Red (5%)

Yellow (29%)

Blue (16%)

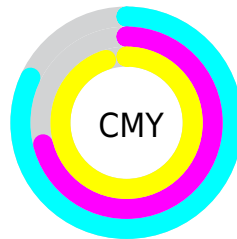


Cyan (36%)

Magenta (0%)

Yellow (81%)

Black (71%)



Cyan (82%)

Magenta (71%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.0870, -22.2279, -10.6003 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 59.0870, -22.2279, -10.6003 by changing the saturation by 10% instead.

■ 59.0870, -22.2279,
-10.6003

■ 59.0870, -22.2279,
-10.6003

■ 253.9740, -3.9312,
0.8998

■ 37.7110, -18.5915,
-10.2705

■ 107.8590,
-23.1015, -10.4003

■ 18.1970, -8.9711,
-15.9588

■ 133.3320,
-23.8277, -10.8152

■ 0.0000, 0.0000,
0.0000


■ 160.1040,
-24.7013, -10.6152


■ 186.8760,
-25.5749, -10.4153


■ 214.7620,
-26.0117, -10.3153


■ 240.3000,


-25.2909, -8.1561


 250.6680,
-16.5983, 3.7992


 59.0870, -22.2279,
-10.6003


 59.0870, -22.2279,
-10.6003


 57.3920, -24.8433,
-11.7448


 60.7820, -19.6125,
-9.4558

 55.6970, -27.4586,
-12.8893

 62.8900, -16.7078,
-7.7965

 64.5850, -14.0924,
-6.6520

 66.3940, -11.0402,
-5.6075

 68.3880, -8.5723,
-3.8483

■ 70.0830, -5.9569,
-2.7038

■ 71.8920, -2.9048,
-1.6593

■ 73.8860, -0.4368,
0.1000

■ 75.6950, 2.6154,
1.1445

Harmonies

Analogous

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



62.3520, -30.7395, 12.8463



59.0870, -22.2279, -10.6003



50.4600, -4.6638, -44.2534

Triad

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



59.0870, -22.2279, -10.6003



58.0640, 29.5484, -50.9221



64.4710, -0.7252, 46.0679

Complementary

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



59.0870, -22.2279, -10.6003



28.9130, 22.2279, 10.6003

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.



67.4120, 12.1219, 32.0877



59.0870, -22.2279, -10.6003



54.6390, 34.1950, -47.9184

Square

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



59.0870, -22.2279, -10.6003



57.5450, 19.9443, -50.4670



67.9830, 22.6864, 3.5229



64.3170, -13.9603, 44.4490

Rectangle

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



59.0870, -22.2279, -10.6003



53.8000, 3.0566, -47.1826



67.9830, 22.6864, 3.5229



65.6000, 3.6482, 43.3238

Sweetspot

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



59.0870, -22.2279, -10.6003



91.0890, -8.4249, -4.4631



47.7890, -16.6580, 22.9870



44.6100, -5.2307, -2.2890



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.



59.0870, -22.2279, -10.6003



73.7260, -34.8679, -16.4227



50.1170, -17.8057, -29.0436



37.2450, -1.5998, -0.2149



76.6180, -37.7727, -18.0820



172.6840, -85.1332, -40.9419

Inverse Universe

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



28.9130, 22.2279, 10.6003



26.2740, 34.8679, 16.4227



37.8830, 17.8057, 29.0436



35.0540, 1.4524, 0.8296



25.3820, 37.7727, 18.0820



57.0170, 85.2806, 40.3271

Previews

White Background



This preview shows how the YUV color 59.0870, -22.2279, -10.6003 looks on a white background.

Color Contrast Check

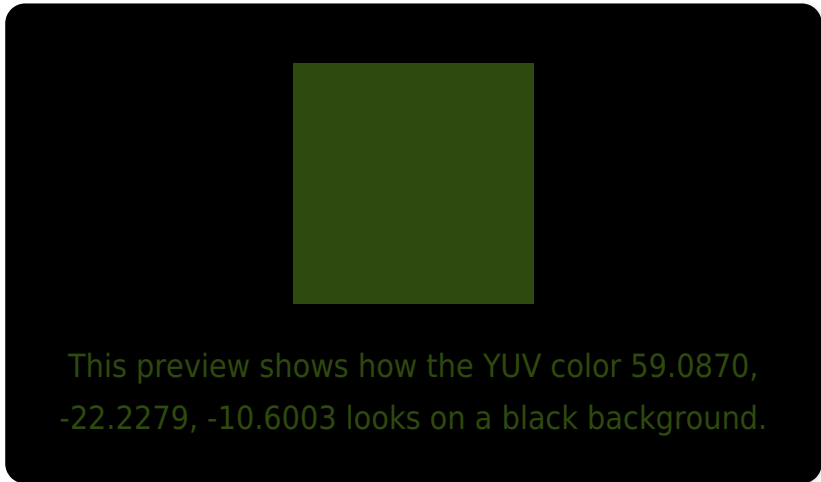
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.0870, -22.2279, -10.6003

Background



This preview shows how black text looks on a background with the YUV color 59.0870, -22.2279, -10.6003.



This preview shows how white text looks on a background with the YUV color 59.0870, -22.2279,

-10.6003.

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

59.0870, -22.2279, -10.6003

Protanopia

63.1220, -25.2031, 10.4170

Deuteranopia

64.0780, -21.7305, 16.5946



Tritanopia

65.3840, 4.2477, -9.1068

Trichromacy



Original Color

59.0870, -22.2279, -10.6003

Protanomaly

62.0070, -24.1605, 2.6249

Deuteranomaly

62.3110, -21.8453, 6.7433

Tritanomaly

63.1530, -5.4984, -9.7812

Monochromacy



Original Color

59.0870, -22.2279, -10.6003

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.9150, -7.8461, -3.4335

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.0870, -22.2279, -10.6003 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(47, 74, 14)` looks like.

```
.text, #text, p{  
    color:rgb(47, 74, 14)  
}
```

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(47, 74, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 74, 14) }
```

Border

The CSS property to change the border of an element to YUV 59.0870, -22.2279, -10.6003 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(47, 74, 14) }
```


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

```
.border{ border-color:rgb(47, 74, 14) }
```

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

Here you see how a box with a 4 pixel rgb(47, 74, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 74, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 74, 14);  
box-shadow:4px 4px 4px 4px rgb(47, 74, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.0870, -22.2279, -10.6003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 74, 14) }
```

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

```
.background{ background-color: rgb(47, 74,  
14) }
```

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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