

Converting Colors

YUV(59.0470, -18.2642,
-21.9662)

Have a look what the booklet for
YUV(59.0470, -18.2642, -21.9662)
contains.

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Color

**YUV(59.0470, -18.2642,
-21.9662)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 224F16 |
| RGB | 34, 79, 22 |
| RGB Percent | 13%, 31%, 9% |
| CMY | 0.8667, 0.6902, 0.9137 |
| CMYK | 0.57, 0.00, 0.72, 0.69 |
| HSL | 107°, 56%, 20% |
| HSV | 107°, 72%, 31% |
| XYZ | 3.6005, 5.9900, 1.7255 |
| YIQ | 59.0470, -8.5230, -27.2670 |

Conversions

Conversions Part 2

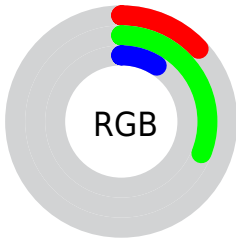
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 22, 79, 67 |
| Decimal | 2248470 |
| CIELab | 29.39, -27.71, 28.02 |
| CIElCh | 29, 39.407, 134.684 |
| Yxy | 5.9900, 0.3182, 0.5293 |
| Android (android.graphics.Color) | 4280438550 (0xFF224F16) |
| YUV | 59.0470, -18.2642, -21.9662 |
| Hunter-Lab | 24.4744, -16.5707, 12.9521 |

Details

The YUV color **59.0470, -18.2642, -21.9662** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **41.9530, 18.2642, 21.9662**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.5910, -20.0114, -21.5663**, and **20.5450, -10.1287, -18.0180** is the 20% darker color. If you saturate the color by 10%, you get **56.3410, -20.8741, -24.8551**, and if you desaturate by 10%, it is **61.7530, -15.6542, -19.0774**.

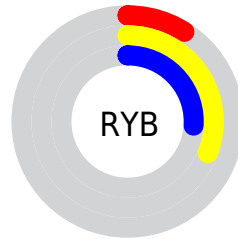
Distribution



 Red (13%)


 Green (31%)

 Blue (9%)




 Red (9%)

 Yellow (31%)

 Blue (26%)

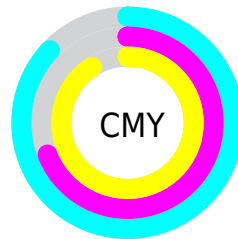



 Cyan (57%)

 Magenta (0%)

 Yellow (72%)

 Black (69%)



 Cyan (87%)

 Magenta (69%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.0470, -18.2642, -21.9662 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 59.0470, -18.2642, -21.9662 by changing the saturation by 10% instead.

■ 59.0470, -18.2642,
-21.9662

■ 59.0470, -18.2642,
-21.9662

254.8860, -0.4368,
0.1000

■ 35.2640, -17.3852,
-23.9105

■ 108.5910,
-20.0114, -21.5663

■ 20.5450, -10.1287,
-18.0180

■ 134.0640,
-20.7376, -21.9811

■ 0.0000, 0.0000,
0.0000

■ 160.5370,
-21.4637, -22.3959

■ 188.0100,
-22.1899, -22.8108

■ 215.8960,
-22.6267, -22.7108

■ 237.3250,

-19.8802, -16.9480

■ 249.3020,
-11.4879, -2.0189

■ 59.0470, -18.2642,
-21.9662

■ 59.0470, -18.2642,
-21.9662

■ 56.3410, -20.8741,
-24.8551

■ 61.7530, -15.6542,
-19.0774

■ 53.6350, -23.4841,
-27.7439

■ 64.4590, -13.0443,
-16.1885

■ 51.4560, -25.3678,
-30.2179

■ 67.4640, -10.5818,
-12.6849

■ 70.1700, -7.9718,
-9.7961

■ 72.8760, -5.3619,
-6.9073

■ 75.4680, -3.1887,
-3.9184

■ 78.4730, -0.7262,
-0.4148

■ 81.1790, 1.8838,
2.4740

■ 83.8850, 4.4937,
5.3629

Harmonies

Analogous

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



63.1940, -31.1546, 5.9689



59.0470, -18.2642, -21.9662



54.0620, -1.0166, -47.4124

Triad

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



59.0470, -18.2642, -21.9662



59.7910, 33.6270, -52.4367



66.3530, -5.1040, 50.5564

Complementary

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



59.0470, -18.2642, -21.9662



41.9530, 18.2642, 21.9662

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.



68.5550, 8.6004, 41.6093



59.0470, -18.2642, -21.9662



64.4890, 31.8039, -27.6159

Square

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



59.0470, -18.2642, -21.9662



60.9020, 25.1913, -53.4111



71.1910, 20.6118, 15.6185



66.5250, -19.4858, 43.3896

Rectangle

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



59.0470, -18.2642, -21.9662



57.0430, 7.8668, -50.0267



71.1910, 20.6118, 15.6185



66.6070, -0.2993, 49.4567

Sweetspot

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



59.0470, -18.2642, -21.9662



94.1100, -6.9562, -8.8665



65.4580, -21.4248, 11.8763



46.5280, -4.2043, -4.8481



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



59.0470, -18.2642, -21.9662



70.9240, -28.5565, -34.1363



57.2830, -9.5065, -30.9432



36.6470, -1.3050, -1.4444



66.1530, -32.6134, -39.5992



149.3620, -73.6355, -88.8945

Inverse Universe

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



41.9530, 18.2642, 21.9662



44.0760, 28.5565, 34.1363



43.7170, 9.5065, 30.9432



35.3530, 1.3050, 1.4444



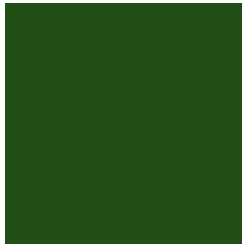
35.8470, 32.6134, 39.5992



80.3390, 73.7829, 88.2797

Previews

White Background



This preview shows how the YUV color 59.0470, -18.2642, -21.9662 looks on a white background.

Color Contrast Check

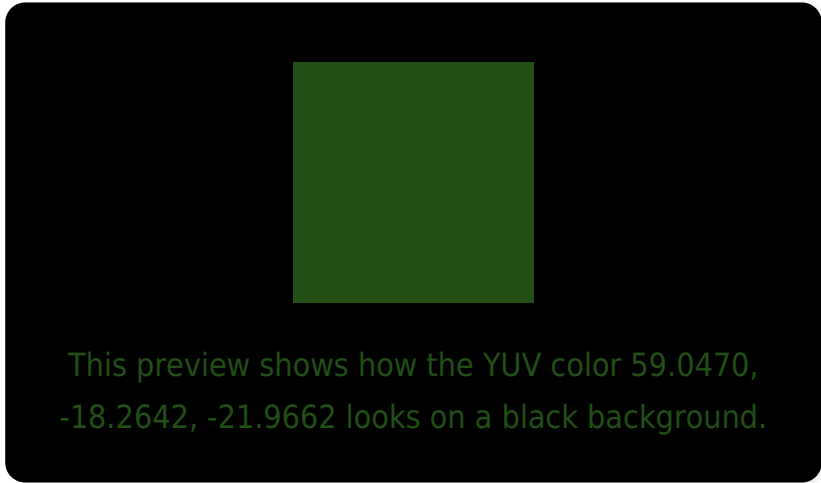
Large Text (above 18pt) WCAG AA ✓ Pass

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

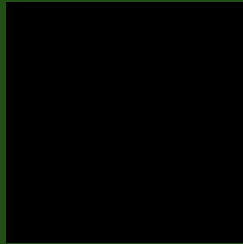
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.0470, -18.2642, -21.9662

Background



This preview shows how black text looks on a background with the YUV color 59.0470, -18.2642, -21.9662.



This preview shows how white text looks on a background with the YUV color 59.0470, -18.2642, -21.9662.

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

59.0470, -18.2642, -21.9662

Protanopia

65.9910, -23.1666, 10.5319

Deuteranopia

67.5340, -19.9833, 16.1947



Tritanopia

66.3120, 6.7482, -17.8136

Trichromacy



Original Color

59.0470, -18.2642, -21.9662

Protanomaly

63.6690, -21.5288, -1.4637

Deuteranomaly

64.5600, -19.5031, 2.1399

Tritanomaly

63.8960, -2.4137, -19.2028

Monochromacy



Original Color

59.0470, -18.2642, -21.9662

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.9360, -6.3774, -7.8369

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.0470, -18.2642, -21.9662 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(34, 79, 22)` looks like.

```
.text, #text, p{  
    color:rgb(34, 79, 22)  
}
```

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(34, 79, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 79, 22) }
```

Border

The CSS property to change the border of an element to YUV 59.0470, -18.2642, -21.9662 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(34, 79, 22) }
```


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

```
.border{ border-color:rgb(34, 79, 22) }
```

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

Here you see how a box with a 4 pixel rgb(34, 79, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 79, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 79, 22);  
box-shadow:4px 4px 4px 4px rgb(34, 79, 22)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.0470, -18.2642, -21.9662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 79, 22) }
```

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

```
.background{ background-color: rgb(34, 79,  
22) }
```

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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