

Converting Colors

YUV(61.2560, -21.8182, -1.9785)

Have a look what the booklet for
YUV(61.2560, -21.8182, -1.9785)
contains.

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Color

**YUV(61.2560, -21.8182,
-1.9785)**

Conversions

Conversions Part 1

Format	Color
Hex	3B4711
RGB	59, 71, 17
RGB Percent	23%, 28%, 7%
CMY	0.7686, 0.7216, 0.9333
CMYK	0.17, 0.00, 0.76, 0.72
HSL	73°, 61%, 17%
HSV	73°, 76%, 28%
XYZ	4.1580, 5.4768, 1.3683
YIQ	61.2560, 10.1820, -19.3380

Conversions

Conversions Part 2

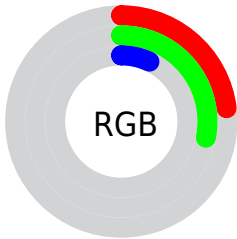
Format	Color
RYB	17, 71, 29
Decimal	3884817
CIELab	28.05, -13.70, 29.45
CIElCh	28, 32.484, 114.946
Yxy	5.4768, 0.3779, 0.4977
Android (android.graphics.Color)	4282074897 (0xFF3B4711)
YUV	61.2560, -21.8182, -1.9785
Hunter-Lab	23.4025, -9.2392, 12.9152

Details

The YUV color **61.2560, -21.8182, -1.9785** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **26.7440, 21.8182, 1.9785**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.3270, -22.8392, -1.1638**, and **19.4260, -9.5770, -8.2666** is the 20% darker color. If you saturate the color by 10%, you get **59.8600, -24.5810, -2.5082**, and if you desaturate by 10%, it is **62.6520, -19.0554, -1.4488**.

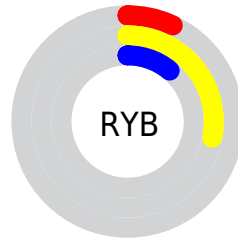
Distribution



Red (23%)

Green (28%)

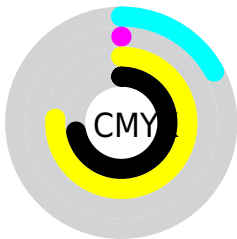
Blue (7%)



Red (7%)

Yellow (28%)

Blue (11%)

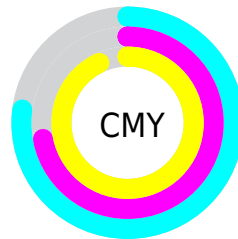


Cyan (17%)

Magenta (0%)

Yellow (76%)

Black (72%)



Cyan (77%)

Magenta (72%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.2560, -21.8182, -1.9785 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 61.2560, -21.8182, -1.9785 by changing the saturation by 10% instead.

61.2560, -21.8182,
-1.9785

61.2560, -21.8182,
-1.9785

254.2020, -3.0576,
0.6998

39.8260, -19.6342,
-2.4784

109.3270,
-22.8392, -1.1638

19.4260, -9.5770,
-8.2666

135.0990,
-23.7128, -0.9638

0.0000, 0.0000,
0.0000


161.8710,
-24.5864, -0.7639


188.7570,
-25.0232, -0.6639


216.5290,
-25.8968, -0.4639


244.8280,


-26.0442, 0.1508


 251.0100,
-15.2879, 3.4992


 61.2560, -21.8182,
-1.9785


 61.2560, -21.8182,
-1.9785


 59.8600, -24.5810,
-2.5082


 62.6520, -19.0554,
-1.4488


 58.7630, -27.4912,
-2.4232

 63.7490, -16.1453,
-1.5339

 58.1220, -28.6541,
-2.7380

 65.1450, -13.3825,
-1.0042

 66.2420, -10.4723,
-1.0892

 67.7520, -7.2727,
-0.6595

■ 68.8490, -4.3626,
-0.7446

■ 70.2450, -1.5998,
-0.2149

■ 71.6410, 1.1630,
0.3148

■ 72.7380, 4.0732,
0.2298

Harmonies

Analogous

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



63.1660, -25.2248, 17.3944



61.2560, -21.8182, -1.9785



56.4900, -10.1016, -26.7397

Triad

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



61.2560, -21.8182, -1.9785



56.8100, 24.7437, -49.8224



66.0400, 2.9383, 37.6759

Complementary

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



61.2560, -21.8182, -1.9785



26.7440, 21.8182, 1.9785

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.



68.5740, 13.0280, 21.4216



61.2560, -21.8182, -1.9785



54.3140, 30.4112, -47.6334

Square

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



61.2560, -21.8182, -1.9785



55.7040, 15.4289, -48.8524



66.2160, 22.5715, -6.3284



64.9620, -8.8553, 40.3753

Rectangle

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



61.2560, -21.8182, -1.9785



51.1270, 0.4304, -44.8384



66.2160, 22.5715, -6.3284



66.9300, 6.4435, 33.3874

Sweetspot

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



61.2560, -21.8182, -1.9785



88.1110, -8.4357, -0.9743



40.1900, -11.4327, 27.0204



43.6210, -5.2362, -0.5446



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.



61.2560, -21.8182, -1.9785



76.7430, -33.8903, -3.2826



53.1830, -17.8382, -18.5775



35.2450, -1.5998, -0.2149



81.1360, -40.0000, -3.6273



186.1720, -91.7828, -8.0438

Inverse Universe

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



26.7440, 21.8182, 1.9785



23.2570, 33.8903, 3.2826



34.8170, 17.8382, 18.5775



32.7550, 1.5998, 0.2149



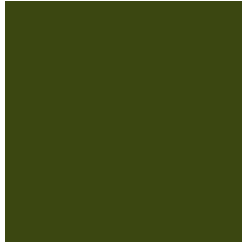
17.8640, 40.0000, 3.6273



40.8280, 91.7828, 8.0438

Previews

White Background



This preview shows how the YUV color 61.2560, -21.8182, -1.9785 looks on a white background.

Color Contrast Check

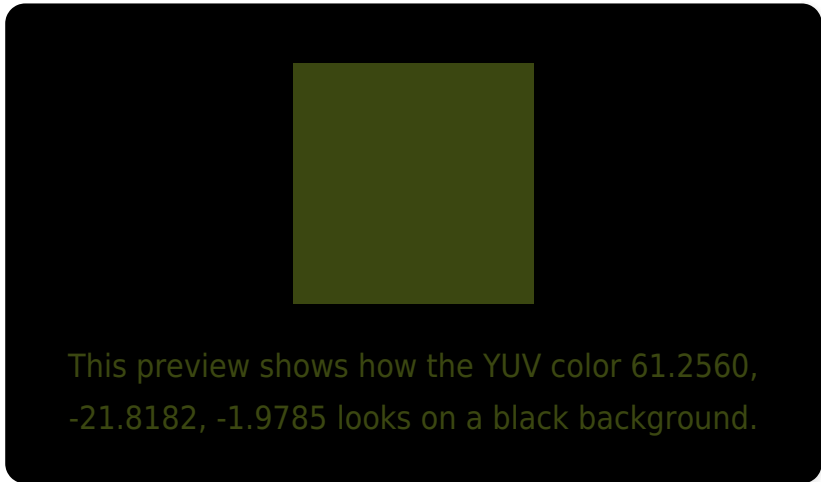
Large Text (above 18pt) WCAG AA ✓ Pass

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

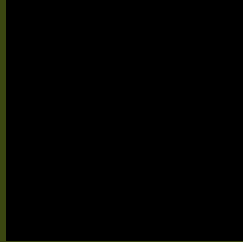
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.2560, -21.8182, -1.9785

Background



This preview shows how black text looks on a background with the YUV color 61.2560, -21.8182, -1.9785.



This preview shows how white text looks on a background with the YUV color 61.2560, -21.8182, -1.9785.

-1.9785.

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

61.2560, -21.8182, -1.9785

Protanopia

62.6920, -23.0192, 9.9171

Deuteranopia

64.1920, -21.2937, 16.4946



Tritanopia

66.2710, 2.3314, -1.1147

Trichromacy



Original Color

61.2560, -21.8182, -1.9785

Protanomaly

62.3710, -22.8609, 5.8136

Deuteranomaly

63.1480, -21.2720, 9.5172

Tritanomaly

64.5670, -6.6885, -1.3743

Monochromacy



Original Color

61.2560, -21.8182, -1.9785

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.2250, -7.9989, -1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.2560, -21.8182, -1.9785 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(59, 71, 17)` looks like.

```
.text, #text, p{  
    color:rgb(59, 71, 17)  
}
```

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(59, 71, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 71, 17) }
```

Border

The CSS property to change the border of an element to YUV 61.2560, -21.8182, -1.9785 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(59, 71, 17) }
```


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

```
.border{ border-color:rgb(59, 71, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 71, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 71, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 71, 17);  
box-shadow:4px 4px 4px 4px rgb(59, 71, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.2560, -21.8182, -1.9785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 71, 17) }
```

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

```
.background{ background-color: rgb(59, 71,  
17) }
```

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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