

Converting Colors

YUV(63.0930, -7.9338, -22.0066)

Have a look what the booklet for
YUV(63.0930, -7.9338, -22.0066)
contains.

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Color

**YUV(63.0930, -7.9338,
-22.0066)**

Conversions

Conversions Part 1

Format	Color
Hex	264F2F
RGB	38, 79, 47
RGB Percent	15%, 31%, 18%
CMY	0.8510, 0.6902, 0.8157
CMYK	0.52, 0.00, 0.41, 0.69
HSL	133°, 35%, 23%
HSV	133°, 52%, 31%
XYZ	4.1084, 6.2093, 3.6713
YIQ	63.0930, -14.1640, -18.6440

Conversions

Conversions Part 2

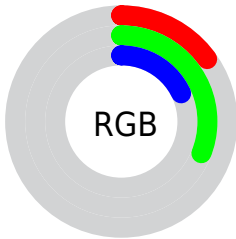
Format	Color
R_{YB}	38, 72, 79
Decimal	2510639
CIE _{Lab}	29.93, -22.52, 14.58
CIE _{LCh}	30, 26.829, 147.070
Yxy	6.2093, 0.2937, 0.4439
Android (android.graphics.Color)	4280700719 (0xFF264F2F)
YUV	63.0930, -7.9338, -22.0066
Hunter-Lab	24.9184, -14.1772, 8.7075

Details

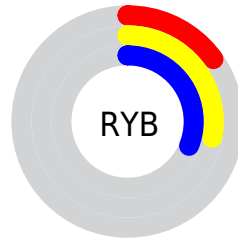
The YUV color **63.0930, -7.9338, -22.0066** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **53.9070, 7.9338, 22.0066**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.0390, -9.3862, -22.8362**, and **19.9580, -9.8393, -17.5032** is the 20% darker color. If you saturate the color by 10%, you get **60.0170, -9.3754, -26.3249**, and if you desaturate by 10%, it is **66.1690, -6.4923, -17.6882**.

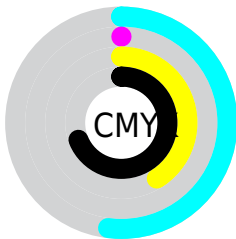
Distribution



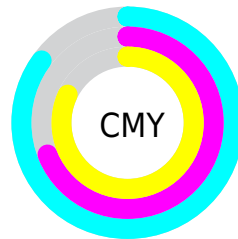
- Red (15%)
- Green (31%)
- Blue (18%)



- Red (15%)
- Yellow (28%)
- Blue (31%)



- Cyan (52%)
- Magenta (0%)
- Yellow (41%)
- Black (69%)



- Cyan (85%)
- Magenta (69%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.0930, -7.9338, -22.0066 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 63.0930, -7.9338, -22.0066 by changing the saturation by 10% instead.

■ 63.0930, -7.9338,
-22.0066

■ 63.0930, -7.9338,
-22.0066

255.0000, 0.0000,
0.0000

■ 40.0220, -6.9128,
-22.8213

■ 112.0390, -9.3862,
-22.8362

■ 19.9580, -9.8393,
-17.5032

■ 137.6260, -9.6756,
-23.3510

■ 0.0000, 0.0000,
0.0000

■ 164.2130, -9.9650,
-23.8658

■ 191.0990,
-10.4018, -23.7658

■ 219.3870,
-10.5438, -24.8954

■ 240.9300, -7.3605,

-19.2326

252.7930, 0.5951,
-4.2035

63.0930, -7.9338,
-22.0066

63.0930, -7.9338,
-22.0066

60.0170, -9.3754,
-26.3249

66.1690, -6.4923,
-17.6882

56.9410, -10.8169,
-30.6433

69.2450, -5.0508,
-13.3699

53.8650, -12.2584,
-34.9616

72.3210, -3.6093,
-9.0515

50.6750, -14.1368,
-39.1800

75.5110, -1.7309,
-4.8331

48.3110, -15.4363,
-42.3687

78.5870, -0.2894,
-0.5148

■ 81.3640, 1.2995,
3.1888

■ 84.4400, 2.7411,
7.5071

■ 87.5160, 4.1826,
11.8255

■ 90.5920, 5.6241,
16.1438

Harmonies

Analogous

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



66.8090, -17.1608, -2.4635



63.0930, -7.9338, -22.0066



55.2990, 6.2616, -48.4972

Triad

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



63.0930, -7.9338, -22.0066



63.6920, 23.8158, -32.1789



70.9180, -8.8336, 33.3979

Complementary

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



63.0930, -7.9338, -22.0066



53.9070, 7.9338, 22.0066

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.



71.7250, 0.6286, 31.8132



63.0930, -7.9338, -22.0066



71.6850, 17.9033, -2.3547

Square

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



63.0930, -7.9338, -22.0066



57.7560, 23.2913, -50.6520



72.7540, 9.9813, 18.6327



70.1100, -16.8162, 27.0905

Rectangle

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



63.0930, -7.9338, -22.0066



56.8950, 12.3768, -49.8969



72.7540, 9.9813, 18.6327



70.7270, -5.7814, 34.4424

Sweetspot

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



63.0930, -7.9338, -22.0066



95.7340, -3.3199, -8.5367



71.6350, -16.5821, -1.4339



47.0980, -2.0203, -5.3479



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.



63.0930, -7.9338, -22.0066



77.5770, -12.1165, -33.8320



65.3730, 0.8021, -24.0061



36.4620, -0.7208, -2.1592



62.3820, -19.9083, -54.7090



140.7100, -44.7200, -123.4027

Inverse Universe

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



53.9070, 7.9338, 22.0066



63.4230, 12.1165, 33.8320



51.6270, -0.8021, 24.0061



35.5380, 0.7208, 2.1592



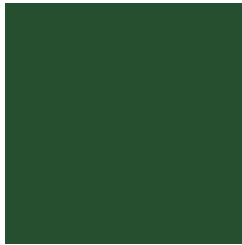
39.6180, 19.9083, 54.7090



89.1760, 44.2832, 123.5026

Previews

White Background



This preview shows how the YUV color 63.0930, -7.9338, -22.0066 looks on a white background.

Color Contrast Check

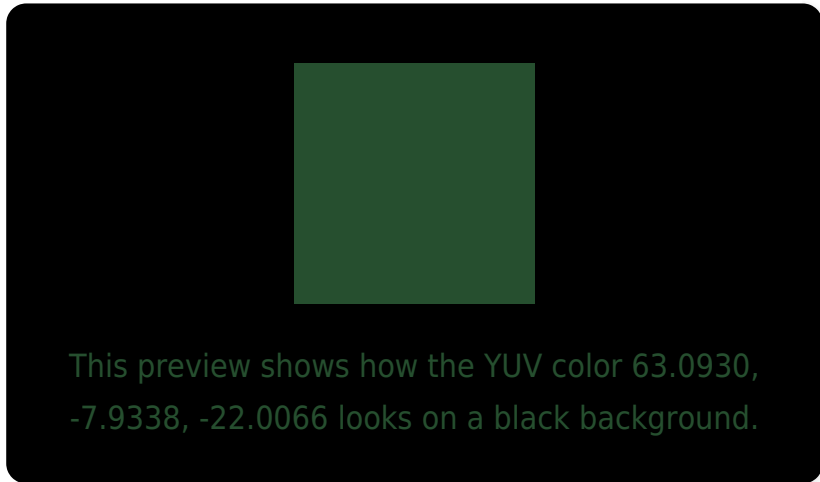
Large Text (above 18pt) WCAG AA ✓ Pass

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

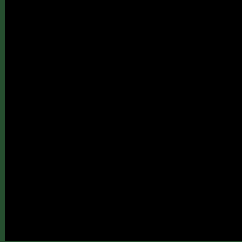
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.0930, -7.9338, -22.0066

Background



This preview shows how black text looks on a background with the YUV color 63.0930, -7.9338, -22.0066.



This preview shows how white text looks on a background with the YUV color 63.0930, -7.9338,

-22.0066.

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

63.0930, -7.9338, -22.0066

Protanopia

69.1290, -12.3886, 6.9029

Deuteranopia

70.1450, -9.9315, 12.1508



Tritanopia

67.0130, 6.8956, -18.4284

Trichromacy



Original Color

63.0930, -7.9338, -22.0066

Protanomaly

66.8180, -10.7563, -3.3484

Deuteranomaly

67.2960, -9.0199, -0.2596

Tritanomaly

65.3350, 1.8068, -19.5878

Monochromacy



Original Color

63.0930, -7.9338, -22.0066

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1470, -3.0305, -8.0219

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.0930, -7.9338, -22.0066 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(38, 79, 47)` looks like.

```
.text, #text, p{  
    color:rgb(38, 79, 47)  
}
```

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(38, 79, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 79, 47) }
```

Border

The CSS property to change the border of an element to YUV 63.0930, -7.9338, -22.0066 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(38, 79, 47) }
```


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

```
.border{ border-color:rgb(38, 79, 47) }
```

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

Here you see how a box with a 4 pixel rgb(38, 79, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 79, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 79, 47);  
box-shadow:4px 4px 4px 4px rgb(38, 79, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.0930, -7.9338, -22.0066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 79, 47) }
```

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

```
.background{ background-color: rgb(38, 79,  
47) }
```

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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