

Converting Colors

YUV(101.5200, -18.9904,
-22.3810)

Have a look what the booklet for
YUV(101.5200, -18.9904, -22.3810)
contains.

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Color

**YUV(101.5200, -18.9904,
-22.3810)**

Conversions

Conversions Part 1

Format	Color
Hex	4C7A3F
RGB	76, 122, 63
RGB Percent	30%, 48%, 25%
CMY	0.7020, 0.5216, 0.7529
CMYK	0.38, 0.00, 0.48, 0.52
HSL	107°, 32%, 36%
HSV	107°, 48%, 48%
XYZ	10.8372, 15.8144, 7.1839
YIQ	101.5200, -8.4770, -28.1010

Conversions

Conversions Part 2

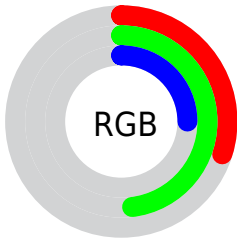
Format	Color
RYB	63, 122, 109
Decimal	5012031
CIELab	46.73, -27.93, 27.34
CIELCh	47, 39.086, 135.616
Yxy	15.8144, 0.3203, 0.4674
Android (android.graphics.Color)	4283202111 (0xFF4C7A3F)
YUV	101.5200, -18.9904, -22.3810
Hunter-Lab	39.7674, -20.9489, 17.1265

Details

The YUV color **101.5200, -18.9904, -22.3810** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **83.4800, 18.9904, 22.3810**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.4660, -20.4427, -23.2107**, and **52.5630, -17.5326, -23.2958** is the 20% darker color. If you saturate the color by 10%, you get **97.1620, -22.7579, -27.3291**, and if you desaturate by 10%, it is **105.8780, -15.2229, -17.4330**.

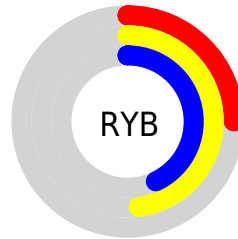
Distribution



 Red (30%)

 Green (48%)

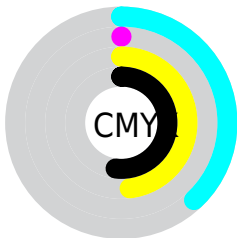
 Blue (25%)



 Red (25%)

 Yellow (48%)

 Blue (43%)

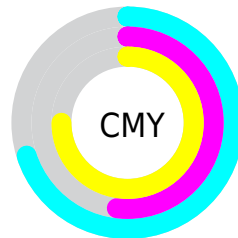


 Cyan (38%)


 Magenta (0%)

 Yellow (48%)

 Black (52%)



 Cyan (70%)

 Magenta (52%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.5200, -18.9904, -22.3810 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 101.5200, -18.9904, -22.3810 by changing the saturation by 10% instead.

■ 101.5200,
-18.9904, -22.3810

■ 101.5200,
-18.9904, -22.3810

■ 255.0000, 0.0000,
0.0000

■ 76.7480, -18.1168,
-22.5810

■ 153.4660,
-20.4427, -23.2107

■ 52.5630, -17.5326,
-23.2958

■ 180.3520,
-20.8795, -23.1107

■ 29.9480, -14.7644,
-24.5104

■ 208.4120,
-21.8951, -24.0403

■ 18.1970, -8.9711,
-15.9588

■ 233.9500,
-21.1743, -21.8811

■ 0.0000, 0.0000,
0.0000

■ 245.8130,
-13.2188, -6.8520

■ 254.2020, -3.0576,

0.6998

■ 101.5200,
-18.9904, -22.3810

■ 101.5200,
-18.9904, -22.3810

■ 97.1620, -22.7579,
-27.3291

■ 105.8780,
-15.2229, -17.4330

■ 93.1030, -26.6728,
-31.6623

■ 109.9370,
-11.3079, -13.0997

■ 88.6310, -30.8771,
-36.5104

■ 114.4090, -7.1036,
-8.2517

■ 84.5720, -34.7920,
-40.8436

■ 118.4680, -3.1887,
-3.9184

■ 80.2140, -38.5595,
-45.7917

■ 122.8260, 0.5788,
1.0296

■ 79.6870, -39.2857,
-46.2065

■ 126.8850, 4.4937,
5.3629

■ 131.2430, 8.2612,
10.3109

■ 135.4160, 12.6129,
14.5442

■ 139.7740, 16.3804,
19.4922

Harmonies

Analogous

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



105.7210, -30.4285, 6.3837



101.5200, -18.9904, -22.3810



86.3580, 3.2745, -70.4740

Triad

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



101.5200, -18.9904, -22.3810



89.6890, 41.5653, -78.6573



110.9790, -7.8776, 53.5154

Complementary

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



101.5200, -18.9904, -22.3810



83.4800, 18.9904, 22.3810

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.



113.2240, 7.2846, 43.6536



101.5200, -18.9904, -22.3810



108.9460, 32.0716, -20.1236

Square

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



101.5200, -18.9904, -22.3810



91.2730, 32.4034, -80.0464



114.0280, 21.1852, 18.3924



109.8630, -22.1175, 47.4781

Rectangle

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



101.5200, -18.9904, -22.3810



87.7730, 13.9159, -76.9769



114.0280, 21.1852, 18.3924



111.3470, -2.6361, 52.3157

Sweetspot

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



101.5200, -18.9904, -22.3810



149.8820, -7.8298, -8.6665



107.0560, -21.7196, 13.1059



74.1150, -4.4937, -5.3629



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



101.5200, -18.9904, -22.3810



126.2830, -29.7195, -34.4512



99.4570, -10.0853, -31.9728



58.8210, -1.8838, -2.4740



81.7470, -40.3013, -47.1361



164.6680, -81.1813, -95.3018

Inverse Universe

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



83.4800, 18.9904, 22.3810



98.0160, 29.5721, 35.0660



85.5430, 10.0853, 31.9728



57.1790, 1.8838, 2.4740



43.2530, 40.3013, 47.1361



87.6310, 81.0339, 95.9166

Previews

White Background



This preview shows how the YUV color 101.5200, -18.9904, -22.3810 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 × Fail

Black Background



This preview shows how the YUV color 101.5200, -18.9904, -22.3810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

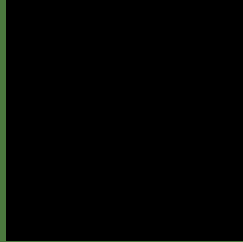
Any Text WCAG AA × Fail

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 101.5200, -18.9904, -22.3810 Background



This preview shows how black text looks on a background with the YUV color 101.5200, -18.9904, -22.3810.



This preview shows how white text looks on a background with the YUV color 101.5200, -18.9904, -22.3810.

-22.3810.

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

101.5200, -18.9904, -22.3810

Protanopia

107.7740, -24.0456, 12.4762

Deuteranopia

109.3390, -20.8731, 21.6277



Tritanopia

107.6540, 8.0586, -18.1136

Trichromacy



Original Color

101.5200, -18.9904, -22.3810

Protanomaly

105.1530, -22.2604, -0.1342

Deuteranomaly

106.4680, -19.9507, 5.7286

Tritanomaly

105.7110, -1.8295, -19.9175

Monochromacy



Original Color

101.5200, -18.9904, -22.3810

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.8220, -6.8142, -7.7369

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.5200, -18.9904, -22.3810 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(76, 122, 63)` looks like.

```
.text, #text, p{  
    color:rgb(76, 122, 63)  
}
```

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(76, 122, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 122, 63) }
```

Border

The CSS property to change the border of an element to YUV 101.5200, -18.9904, -22.3810 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(76, 122, 63) }
```


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

```
.border{ border-color:rgb(76, 122, 63) }
```

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

Here you see how a box with a 4 pixel rgb(76, 122, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 122, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 122, 63);  
box-shadow:4px 4px 4px 4px rgb(76, 122,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 101.5200, -18.9904, -22.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 122, 63) }
```

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

```
.background{ background-color: rgb(76, 122,  
63) }
```

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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