

Converting Colors

YUV(136.0970, -20.7538,
-16.7481)

Have a look what the booklet for
YUV(136.0970, -20.7538, -16.7481)
contains.

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Color

**YUV(136.0970, -20.7538,
-16.7481)**

Conversions

Conversions Part 1

Format	Color
Hex	759A5E
RGB	117, 154, 94
RGB Percent	46%, 60%, 37%
CMY	0.5412, 0.3961, 0.6314
CMYK	0.24, 0.00, 0.39, 0.40
HSL	97°, 24%, 49%
HSV	97°, 39%, 60%
XYZ	20.9121, 27.7013, 14.8344
YIQ	136.0970, -2.7920, -26.5040

Conversions

Conversions Part 2

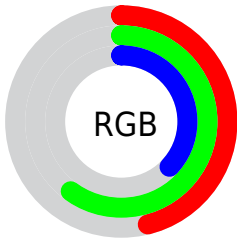
Format	Color
R_YB	94, 154, 131
Decimal	7707230
CIE _{Lab}	59.62, -24.09, 27.46
CIE _{LCh}	60, 36.532, 131.256
Yxy	27.7013, 0.3296, 0.4366
Android (android.graphics.Color)	4285897310 (0xFF759A5E)
YUV	136.0970, -20.7538, -16.7481
Hunter-Lab	52.6320, -21.1831, 20.1315

Details

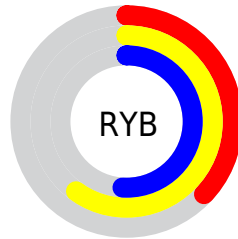
The YUV color **136.0970, -20.7538, -16.7481** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **111.9030, 20.7538, 16.7481**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.0430, -22.2062, -17.5777**, and **85.7380, -19.5908, -16.4332** is the 20% darker color. If you saturate the color by 10%, you get **131.6960, -25.9791, -20.7814**, and if you desaturate by 10%, it is **140.4980, -15.5285, -12.7147**.

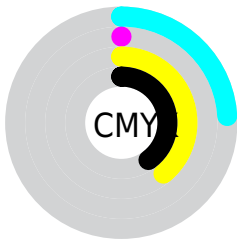
Distribution



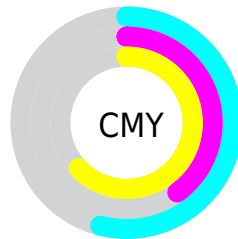
- Red (46%)
- Green (60%)
- Blue (37%)



- Red (37%)
- Yellow (60%)
- Blue (51%)



- Cyan (24%)
- Magenta (0%)
- Yellow (39%)
- Black (40%)



- Cyan (54%)
- Magenta (40%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.0970, -20.7538, -16.7481 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 136.0970, -20.7538, -16.7481 by changing the saturation by 10% instead.

■ 136.0970,
-20.7538, -16.7481

■ 136.0970,
-20.7538, -16.7481

■ 255.0000, 0.0000,
0.0000

■ 110.6240,
-20.0276, -16.3332

■ 190.0430,
-22.2062, -17.5777

■ 85.7380, -19.5908,
-16.4332

■ 217.9290,
-22.6430, -17.4777

■ 61.3790, -18.4278,
-16.1184

■ 239.9450,
-20.1859, -12.2298

■ 37.9660, -18.7172,
-16.6332

■ 251.9220,
-11.7935, 2.6994

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 136.0970,
-20.7538, -16.7481

■ 136.0970,
-20.7538, -16.7481

■ 131.6960,
-25.9791, -20.7814

■ 140.4980,
-15.5285, -12.7147

■ 126.8820,
-31.4938, -25.3295

■ 145.3120,
-10.0138, -8.1666

■ 122.4810,
-36.7191, -29.3628

■ 149.7130, -4.7885,
-4.1333

■ 117.6670,
-42.2338, -33.9110

■ 154.5270, 0.7262,
0.4148

■ 113.2660,
-47.4591, -37.9443

■ 158.9280, 5.9515,
4.4481

■ 108.5660,
-52.5370, -42.5924

■ 163.6280, 11.0294,
9.0962

■ 108.0390,
-53.2632, -43.0072

■ 168.1430, 16.6915,
13.0296

■ 172.8430, 21.7694,

17.6777

■ 177.3580, 27.4315,
21.6110

Harmonies

Analogous

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



140.1560, -30.1499, 10.3872



136.0970, -20.7538, -16.7481



129.6660, -3.7793, -47.9421

Triad

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



136.0970, -20.7538, -16.7481



128.6150, 37.1648, -67.1914



145.7230, -6.2724, 51.9859

Complementary

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



136.0970, -20.7538, -16.7481



111.9030, 20.7538, 16.7481

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.



147.5440, 8.6058, 39.8649



136.0970, -20.7538, -16.7481



142.1090, 31.4983, -22.8976

Square

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



136.0970, -20.7538, -16.7481



114.4230, 34.7945, -100.3490



147.5220, 21.9277, 13.5742



144.3300, -20.3757, 48.8226

Rectangle

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



136.0970, -20.7538, -16.7481



121.3990, 11.1423, -74.0179



147.5220, 21.9277, 13.5742



146.2650, -1.6096, 49.7566

Sweetspot

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



136.0970, -20.7538, -16.7481



194.0780, -8.4195, -6.2074



133.6590, -19.5519, 17.8391



97.7130, -4.7885, -4.1333



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



136.0970, -20.7538, -16.7481



172.9420, -32.5094, -26.2591



130.0180, -14.3059, -31.5878



74.5930, -2.7573, -2.2741



98.3260, -48.4747, -38.8739



9.1260, -4.4991, -3.6185

Inverse Universe

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



111.9030, 20.7538, 16.7481



135.0580, 32.5094, 26.2591



117.9820, 14.3059, 31.5878



71.4070, 2.7573, 2.2741



41.6740, 48.4747, 38.8739



3.8740, 4.4991, 3.6185

Previews

White Background



This preview shows how the YUV color 136.0970, -20.7538, -16.7481 looks on a white 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

Black Background



This preview shows how the YUV color 136.0970, -20.7538, -16.7481 looks on a black 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

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

YUV 136.0970, -20.7538, -16.7481 Background



This preview shows how black text looks on a background with the YUV color 136.0970, -20.7538, -16.7481.



This preview shows how white text looks on a background with the YUV color 136.0970, -20.7538, -16.7481.

-16.7481.

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

136.0970, -20.7538, -16.7481

Protanopia

140.8450, -25.0666, 13.2909

Deuteranopia

142.7200, -22.0470, 24.8016



Tritanopia

141.6870, 8.0423, -12.8805

Trichromacy



Original Color

136.0970, -20.7538, -16.7481

Protanomaly

139.1210, -23.7237, 2.5249

Deuteranomaly

140.1480, -21.2720, 9.5172

Tritanomaly

139.6300, -2.2826, -14.5845

Monochromacy



Original Color

136.0970, -20.7538, -16.7481

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.3060, -7.5459, -6.4074

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.0970, -20.7538, -16.7481 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(117, 154, 94)` looks like.

```
.text, #text, p{  
    color:rgb(117, 154, 94)  
}
```

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(117, 154, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 154, 94) }
```

Border

The CSS property to change the border of an element to YUV 136.0970, -20.7538, -16.7481 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(117, 154, 94) }
```


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

```
.border{ border-color:rgb(117, 154, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 154, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 154, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 154, 94);  
box-shadow:4px 4px 4px 4px rgb(117, 154,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 136.0970, -20.7538, -16.7481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 154, 94) }
```

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

```
.background{ background-color: rgb(117,  
154, 94) }
```

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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