

Converting Colors

YUV(121.0970, -20.7538,
-16.7481)

Have a look what the booklet for
YUV(121.0970, -20.7538, -16.7481)
contains.

YUV(121.0970, -20.7538, -16.7481)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(121.0970, -20.7538,
-16.7481)**

Conversions

Conversions Part 1

Format	Color
Hex	668B4F
RGB	102, 139, 79
RGB Percent	40%, 55%, 31%
CMY	0.6000, 0.4549, 0.6902
CMYK	0.27, 0.00, 0.43, 0.45
HSL	97°, 28%, 43%
HSV	97°, 43%, 55%
XYZ	16.1234, 21.8545, 10.7657
YIQ	121.0970, -2.7920, -26.5040

Conversions

Conversions Part 2

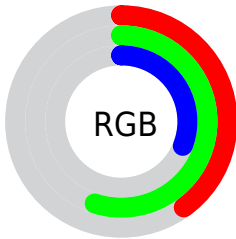
Format	Color
RYB	79, 139, 116
Decimal	6720335
CIELab	53.87, -24.39, 27.99
CIElCh	54, 37.123, 131.069
Yxy	21.8545, 0.3308, 0.4484
Android (android.graphics.Color)	4284910415 (0xFF668B4F)
YUV	121.0970, -20.7538, -16.7481
Hunter-Lab	46.7488, -20.2469, 19.0704

Details

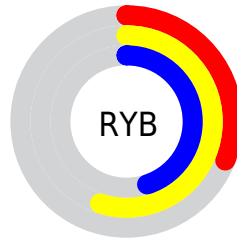
The YUV color **121.0970, -20.7538, -16.7481** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **96.9030, 20.7538, 16.7481**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.0430, -22.2062, -17.5777**, and **71.7380, -19.5908, -16.4332** is the 20% darker color. If you saturate the color by 10%, you get **116.8100, -25.5423, -20.8814**, and if you desaturate by 10%, it is **125.3840, -15.9653, -12.6148**.

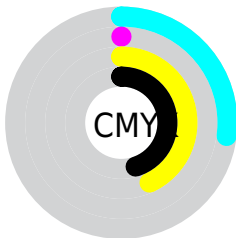
Distribution



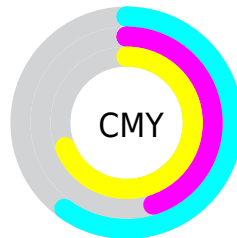
- Red (40%)
- Green (55%)
- Blue (31%)



- Red (31%)
- Yellow (55%)
- Blue (45%)



- Cyan (27%)
- Magenta (0%)
- Yellow (43%)
- Black (45%)



- Cyan (60%)
- Magenta (45%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.0970, -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 121.0970, -20.7538, -16.7481 by changing the saturation by 10% instead.

■ 121.0970,
-20.7538, -16.7481

■ 121.0970,
-20.7538, -16.7481

■ 255.0000, 0.0000,
0.0000

■ 95.6240, -20.0276,
-16.3332

■ 174.0430,
-22.2062, -17.5777

■ 71.7380, -19.5908,
-16.4332

■ 201.8150,
-23.0798, -17.3778

■ 47.8520, -19.1540,
-16.5332

■ 229.7010,
-23.5166, -17.2778

■ 27.0350, -13.3283,
-18.4477

■ 244.7870,
-17.1500, -5.9522

■ 12.9140, -6.3666,
-11.3256

■ 253.1760, -6.9888,
1.5996

■ 0.0000, 0.0000,
0.0000

■ 121.0970,
-20.7538, -16.7481

■ 121.0970,
-20.7538, -16.7481

■ 116.8100,
-25.5423, -20.8814

■ 125.3840,
-15.9653, -12.6148

■ 112.8220,
-30.4782, -24.3999

■ 129.3720,
-11.0294, -9.0962

■ 108.5350,
-35.2668, -28.5332

■ 133.6590, -6.2409,
-4.9629

■ 104.5470,
-40.2027, -32.0517

■ 137.6470, -1.3050,
-1.4444

■ 100.3740,
-44.5544, -36.2850

■ 141.8200, 3.0467,
2.7889

■ 97.4400, -48.0379,
-38.9739

■ 145.8080, 7.9827,
6.3074

■ 150.0950, 12.7712,
10.4407

■ 154.3820, 17.5597,

14.5740

■ 158.3700, 22.4956,
18.0925

Harmonies

Analogous

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



125.1560, -30.1499, 10.3872



121.0970, -20.7538, -16.7481



114.0680, -3.4845, -49.1716

Triad

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



121.0970, -20.7538, -16.7481



106.4390, 40.7026, -81.9460



130.7230, -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.



121.0970, -20.7538, -16.7481



96.9030, 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.



132.5440, 8.6058, 39.8649



121.0970, -20.7538, -16.7481



126.5110, 31.7931, -24.1271

Square

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



121.0970, -20.7538, -16.7481



103.9080, 32.5834, -91.1273



132.2230, 22.0751, 12.9594



129.3300, -20.3757, 48.8226

Rectangle

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



121.0970, -20.7538, -16.7481



99.8210, 14.3852, -87.5430



132.2230, 22.0751, 12.9594



131.3790, -1.1728, 49.6566

Sweetspot

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



121.0970, -20.7538, -16.7481



174.1920, -7.9827, -6.3074



118.6590, -19.5519, 17.8391



87.5990, -5.2253, -4.0333



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



121.0970, -20.7538, -16.7481



152.9420, -32.5094, -26.2591



114.9040, -14.7427, -31.4878



67.0060, -2.4680, -1.7593



93.3200, -46.0068, -37.1146



3.5330, -1.7418, -1.3444

Inverse Universe

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



96.9030, 20.7538, 16.7481



115.0580, 32.5094, 26.2591



102.9820, 14.3059, 31.5878



63.9940, 2.4680, 1.7593



39.6800, 46.0068, 37.1146



1.4670, 1.7418, 1.3444

Previews

White Background



This preview shows how the YUV color 121.0970, -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 121.0970, -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 121.0970, -20.7538, -16.7481 Background



This preview shows how black text looks on a background with the YUV color 121.0970, -20.7538, -16.7481.



This preview shows how white text looks on a background with the YUV color 121.0970, -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

121.0970, -20.7538, -16.7481

Protanopia

125.8450, -25.0666, 13.2909

Deuteranopia

127.7090, -22.0415, 23.0572



Tritanopia

127.1600, 7.3161, -13.2953

Trichromacy



Original Color

121.0970, -20.7538, -16.7481

Protanomaly

124.1210, -23.7237, 2.5249

Deuteranomaly

125.4360, -21.4139, 8.3876

Tritanomaly

125.1030, -3.0088, -14.9993

Monochromacy



Original Color

121.0970, -20.7538, -16.7481

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.3060, -7.5459, -6.4074

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.0970, -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(102, 139, 79)` looks like.

```
.text, #text, p{  
    color:rgb(102, 139, 79)  
}
```

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(102, 139, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 139, 79) }
```

Border

The CSS property to change the border of an element to YUV 121.0970, -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(102, 139, 79) }
```


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

```
.border{ border-color:rgb(102, 139, 79) }
```

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

Here you see how a box with a 4 pixel rgb(102, 139, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 139, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 139, 79);  
box-shadow:4px 4px 4px 4px rgb(102, 139,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 121.0970, -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(102, 139, 79) }
```

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

```
.background{ background-color: rgb(102,  
139, 79) }
```

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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