

Converting Colors

YUV(122.6420, -27.4315,
-21.6110)

Have a look what the booklet for
YUV(122.6420, -27.4315, -21.6110)
contains.

YUV(122.6420, -27.4315, -21.6110)	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(122.6420, -27.4315,
-21.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	629243
RGB	98, 146, 67
RGB Percent	38%, 57%, 26%
CMY	0.6157, 0.4275, 0.7373
CMYK	0.33, 0.00, 0.54, 0.43
HSL	96°, 37%, 42%
HSV	96°, 54%, 57%
XYZ	16.3290, 23.5597, 8.9970
YIQ	122.6420, -3.2490, -34.7450

Conversions

Conversions Part 2

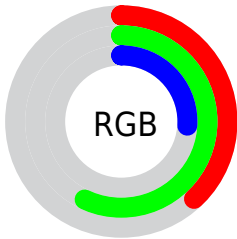
Format	Color
R _{YB}	67, 146, 115
Decimal	6459971
CIE Lab	55.64, -30.85, 36.41
CIE LCh	56, 47.727, 130.276
Yxy	23.5597, 0.3340, 0.4819
Android (android.graphics.Color)	4284650051 (0xFF629243)
YUV	122.6420, -27.4315, -21.6110
Hunter-Lab	48.5383, -24.8920, 22.9869

Details

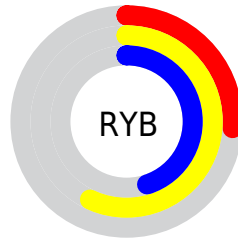
The YUV color **122.6420, -27.4315, -21.6110** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **90.3580, 27.4315, 21.6110**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.8870, -29.0313, -21.8259**, and **71.8700, -26.5579, -21.8110** is the 20% darker color. If you saturate the color by 10%, you get **118.2410, -32.6568, -25.6444**, and if you desaturate by 10%, it is **127.0430, -22.2062, -17.5777**.

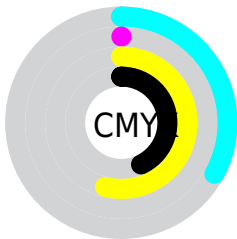
Distribution



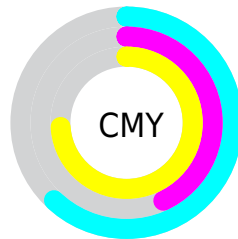
- Red (38%)
- Green (57%)
- Blue (26%)



- Red (26%)
- Yellow (57%)
- Blue (45%)



- Cyan (33%)
- Magenta (0%)
- Yellow (54%)
- Black (43%)



- Cyan (62%)
- Magenta (43%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.6420, -27.4315, -21.6110 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 122.6420, -27.4315, -21.6110 by changing the saturation by 10% instead.

■ 122.6420,
-27.4315, -21.6110

■ 122.6420,
-27.4315, -21.6110

■ 255.0000, 0.0000,
0.0000

■ 96.8700, -26.5579,
-21.8110

■ 175.8870,
-29.0313, -21.8259

■ 71.8700, -26.5579,
-21.8110

■ 203.6590,
-29.9049, -21.6259

■ 47.6570, -23.4949,
-24.2552

■ 230.9580,
-30.0523, -21.0112

■ 28.1760, -13.8908,
-24.7104

■ 242.8210,
-22.0968, -5.9820

■ 16.4360, -8.1029,
-14.4144

■ 251.6940,
-12.6671, 2.8994

■ 0.0000, 0.0000,
0.0000

■ 122.6420,
-27.4315, -21.6110

■ 122.6420,
-27.4315, -21.6110

■ 118.2410,
-32.6568, -25.6444

■ 127.0430,
-22.2062, -17.5777

■ 113.9540,
-37.4453, -29.7777

■ 131.3300,
-17.4177, -13.4444

■ 109.5530,
-42.6706, -33.8110

■ 135.7310,
-12.1924, -9.4111

■ 105.5650,
-47.6065, -37.3295

■ 139.7190, -7.2565,
-5.8926

■ 102.7450,
-50.6533, -40.1184

■ 144.1200, -2.0312,
-1.8592

■ 148.5210, 3.1941,
2.1741

■ 152.8080, 7.9827,
6.3074

■ 157.2090, 13.2080,

10.3407

■ 161.4960, 17.9965,
14.4740

Harmonies

Analogous

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



127.9470, -39.9069, 13.2015



122.6420, -27.4315, -21.6110



106.7610, -1.3612, -76.9664

Triad

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



122.6420, -27.4315, -21.6110



109.1690, 50.2027, -95.7412



133.5230, -6.1738, 67.0703

Complementary

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



122.6420, -27.4315, -21.6110



90.3580, 27.4315, 21.6110

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.



136.0600, 12.7884, 51.6904



122.6420, -27.4315, -21.6110



127.6970, 43.0404, -38.3223

Square

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



122.6420, -27.4315, -21.6110



110.4280, 37.2570, -96.8454



137.4820, 29.3424, 15.3633



132.2670, -24.7816, 62.0328

Rectangle

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



122.6420, -27.4315, -21.6110



105.4460, 13.0911, -92.4761



137.4820, 29.3424, 15.3633



134.5210, 0.2361, 64.4411

Sweetspot

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



122.6420, -27.4315, -21.6110



179.8990, -10.3032, -8.6814



118.2100, -25.2465, 24.3718



88.6590, -6.2409, -4.9629



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



122.6420, -27.4315, -21.6110



152.5530, -42.6706, -33.8110



114.2850, -19.3675, -41.4689



71.7070, -2.3206, -2.3740



97.1520, -47.8959, -37.8443



7.0660, -3.4835, -2.6889

Inverse Universe

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



90.3580, 27.4315, 21.6110



102.4470, 42.6706, 33.8110



98.7150, 19.3675, 41.4689



68.9940, 2.4680, 1.7593



40.8480, 47.8959, 37.8443



2.9340, 3.4835, 2.6889

Previews

White Background



This preview shows how the YUV color 122.6420, -27.4315, -21.6110 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 122.6420, -27.4315, -21.6110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

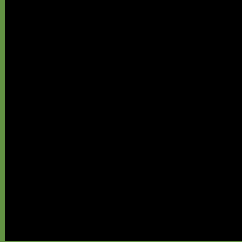
Any Text WCAG AA ✓ Pass

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 122.6420, -27.4315, -21.6110 Background



This preview shows how black text looks on a background with the YUV color 122.6420, -27.4315, -21.6110.



This preview shows how white text looks on a background with the YUV color 122.6420, -27.4315, -21.6110.

-21.6110.

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

122.6420, -27.4315, -21.6110

Protanopia

129.2060, -32.6396, 15.6053

Deuteranopia

131.1950, -29.1831, 27.0160



Tritanopia

130.4800, 8.6374, -17.0840

Trichromacy



Original Color

122.6420, -27.4315, -21.6110

Protanomaly

126.8730, -30.9964, 1.8654

Deuteranomaly

128.1990, -28.6921, 9.4725

Tritanomaly

127.4400, -4.1609, -18.8029

Monochromacy



Original Color

122.6420, -27.4315, -21.6110

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.7250, -9.7244, -7.6518

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.6420, -27.4315, -21.6110 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(98, 146, 67)` looks like.

```
.text, #text, p{  
    color:rgb(98, 146, 67)  
}
```

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(98, 146, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 146, 67) }
```

Border

The CSS property to change the border of an element to YUV 122.6420, -27.4315, -21.6110 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(98, 146, 67) }
```


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

```
.border{ border-color:rgb(98, 146, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 146, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 146, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 146, 67);  
box-shadow:4px 4px 4px 4px rgb(98, 146,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 122.6420, -27.4315, -21.6110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 146, 67) }
```

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

```
.background{ background-color: rgb(98, 146,  
67) }
```

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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