

Converting Colors

YUV(87.6870, -22.5237,
-55.8535)

Have a look what the booklet for
YUV(87.6870, -22.5237, -55.8535)
contains.

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Color

**YUV(87.6870, -22.5237,
-55.8535)**

Conversions

Conversions Part 1

Format	Color
Hex	18812A
RGB	24, 129, 42
RGB Percent	9%, 51%, 16%
CMY	0.9059, 0.4941, 0.8353
CMYK	0.81, 0.00, 0.67, 0.49
HSL	130°, 69%, 30%
HSV	130°, 81%, 51%
XYZ	8.6449, 16.0619, 4.8351
YIQ	87.6870, -34.6530, -49.3170

Conversions

Conversions Part 2

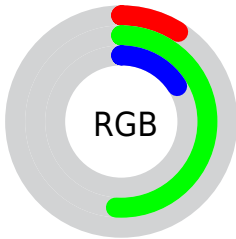
Format	Color
R_{YB}	24, 114, 129
Decimal	1605930
CIE _{Lab}	47.06, -46.93, 37.89
CIE _{LCh}	47, 60.320, 141.083
Yxy	16.0619, 0.2926, 0.5437
Android (android.graphics.Color)	4279796010 (0xFF18812A)
YUV	87.6870, -22.5237, -55.8535
Hunter-Lab	40.0773, -31.6319, 20.9011

Details

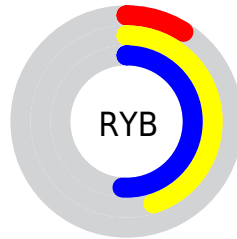
The YUV color **87.6870, -22.5237, -55.8535** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **65.3130, 22.5237, 55.8535**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.2210, -25.7450, -49.3058**, and **45.7860, -22.5725, -40.1543** is the 20% darker color. If you saturate the color by 10%, you get **82.5460, -25.4122, -62.7458**, and if you desaturate by 10%, it is **92.8280, -19.6352, -48.9612**.

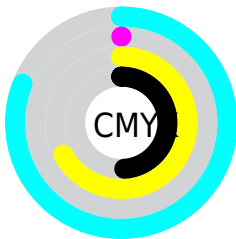
Distribution



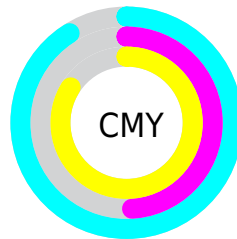
- Red (9%)
- Green (51%)
- Blue (16%)



- Red (9%)
- Yellow (45%)
- Blue (51%)



- Cyan (81%)
- Magenta (0%)
- Yellow (67%)
- Black (49%)



- Cyan (91%)
- Magenta (49%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.6870, -22.5237, -55.8535 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 87.6870, -22.5237, -55.8535 by changing the saturation by 10% instead.

■ 87.6870, -22.5237,
-55.8535

■ 87.6870, -22.5237,
-55.8535

255.0000, 0.0000,
0.0000

■ 62.2850, -22.8185,
-54.6239

■ 144.2210,
-25.7450, -49.3058

■ 45.7860, -22.5725,
-40.1543

■ 171.8790,
-27.0553, -49.0059

■ 31.6980, -15.6271,
-27.7991

■ 200.5370,
-28.3657, -48.7059

■ 18.7840, -9.2605,
-16.4736

■ 220.7920,
-25.0405, -41.9136

■ 0.0000, 0.0000,
0.0000

■ 232.6550,
-17.0849, -26.8844

■ 244.6320, -8.6926,

-11.9553

■ 87.6870, -22.5237,
-55.8535

■ 87.6870, -22.5237,
-55.8535

■ 82.5460, -25.4122,
-62.7458

■ 92.8280, -19.6352,
-48.9612

■ 78.2310, -27.7219,
-68.6086

■ 97.8550, -17.1835,
-41.9688

■ 102.9960,
-14.2950, -35.0765

■ 108.1370,
-11.4065, -28.1841

■ 113.1640, -8.9549,
-21.1918

■ 118.0060, -5.9190,
-14.9143

■ 123.1470, -3.0305,
-8.0219

■ 128.2880, -0.1420,
-1.1296

■ 133.3150, 2.3097,
5.8627

Harmonies

Analogous

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



100.3400, -49.4676, -0.2982



87.6870, -22.5237, -55.8535



88.7870, 2.5700, -77.8662

Triad

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



87.6870, -22.5237, -55.8535



95.7820, 57.2955, -84.0008



103.9120, -12.7746, 84.2692

Complementary

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



87.6870, -22.5237, -55.8535



65.3130, 22.5237, 55.8535

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.



106.7580, 10.9653, 76.5112



87.6870, -22.5237, -55.8535



107.6580, 48.9756, -28.6411

Square

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



87.6870, -22.5237, -55.8535



98.5570, 45.0814, -86.4345



113.9670, 30.5823, 37.7399



106.0860, -37.0174, 66.5766

Rectangle

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



87.6870, -22.5237, -55.8535



94.0650, 17.7160, -82.4950



113.9670, 30.5823, 37.7399



103.8010, -4.3389, 85.2435

Sweetspot

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



87.6870, -22.5237, -55.8535



152.2780, -8.5181, -21.2918



111.6480, -43.2105, -0.5683



74.5440, -5.1982, -12.7551



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



87.6870, -22.5237, -55.8535



103.1610, -35.0824, -87.8412



93.6150, 0.1898, -61.0524



61.2230, -1.5889, -3.7036



77.6440, -27.4325, -68.0938



0.0000, 0.0000, 0.0000

Inverse Universe

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



65.3130, 22.5237, 55.8535



67.9530, 35.5192, 87.7412



59.3850, -0.1898, 61.0524



59.7770, 1.5889, 3.7036



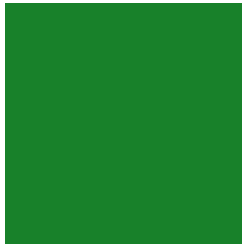
50.3560, 27.4325, 68.0938



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 87.6870, -22.5237, -55.8535 looks on a white background.

Color Contrast Check

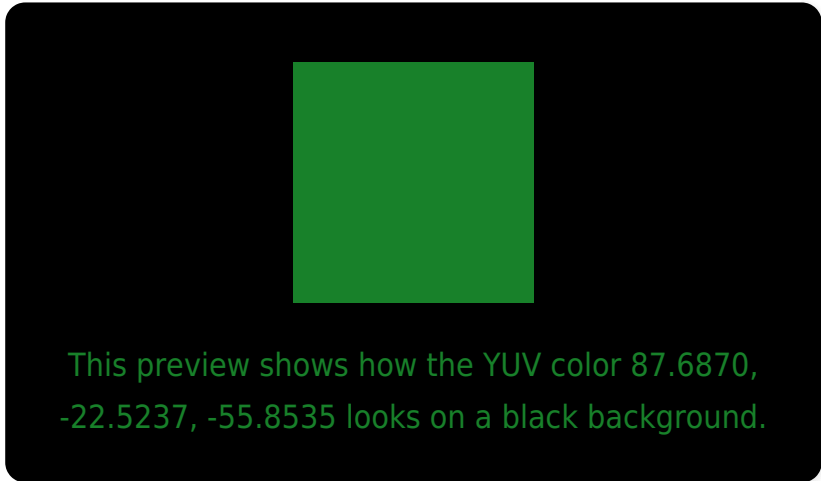
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 87.6870, -22.5237, -55.8535

Background



This preview shows how black text looks on a background with the YUV color 87.6870, -22.5237, -55.8535.



This preview shows how white text looks on a background with the YUV color 87.6870, -22.5237, -55.8535.

-55.8535.

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

87.6870, -22.5237, -55.8535

Protanopia

106.4510, -34.2393, 15.3905

Deuteranopia

108.8850, -29.0303, 24.6569



Tritanopia

102.5910, 13.5126, -40.8603

Trichromacy



Original Color

87.6870, -22.5237, -55.8535



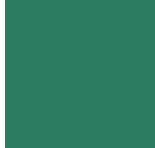
Protanomaly

100.0240, -30.0848, -10.5450



Deuteranomaly

100.9800, -26.6121, -4.3675



Tritanomaly

97.1160, 0.4358, -46.5827

Monochromacy



Original Color

87.6870, -22.5237, -55.8535



Achromatopsia

88.0000, 0.0000, 0.0000



Achromatomaly

87.9900, -8.3761, -20.1622

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.6870, -22.5237, -55.8535 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(24, 129, 42)` looks like.

```
.text, #text, p{  
    color:rgb(24, 129, 42)  
}
```

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(24, 129, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 129, 42) }
```

Border

The CSS property to change the border of an element to YUV 87.6870, -22.5237, -55.8535 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(24, 129, 42) }
```


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

```
.border{ border-color:rgb(24, 129, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 129, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 129, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 129, 42);  
box-shadow:4px 4px 4px 4px rgb(24, 129,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 87.6870, -22.5237, -55.8535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 129, 42) }
```

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

```
.background{ background-color: rgb(24, 129,  
42) }
```

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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