

Converting Colors

YUV(162.4870, -18.9741,
-27.6141)

Have a look what the booklet for
YUV(162.4870, -18.9741, -27.6141)
contains.

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Color

**YUV(162.4870, -18.9741,
-27.6141)**

Conversions

Conversions Part 1

Format	Color
Hex	83BA7C
RGB	131, 186, 124
RGB Percent	51%, 73%, 49%
CMY	0.4863, 0.2706, 0.5137
CMYK	0.30, 0.00, 0.33, 0.27
HSL	113°, 31%, 61%
HSV	113°, 33%, 73%
XYZ	30.5571, 41.3983, 25.4489
YIQ	162.4870, -12.8780, -30.9420

Conversions

Conversions Part 2

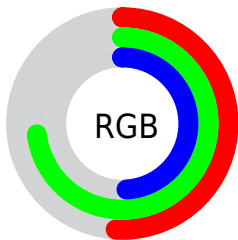
Format	Color
RYB	124, 186, 179
Decimal	8632956
CIELab	70.45, -30.12, 25.86
CIELCh	70, 39.700, 139.350
Yxy	41.3983, 0.3137, 0.4250
Android (android.graphics.Color)	4286823036 (0xFF83BA7C)
YUV	162.4870, -18.9741, -27.6141
Hunter-Lab	64.3415, -27.8245, 21.5882

Details

The YUV color **162.4870, -18.9741, -27.6141** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **147.5130, 18.9741, 27.6141**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.5470, -19.9897, -28.5437**, and **109.5410, -17.5217, -26.7845** is the 20% darker color. If you saturate the color by 10%, you get **155.2380, -24.7673, -36.1657**, and if you desaturate by 10%, it is **169.4370, -13.0334, -19.6772**.

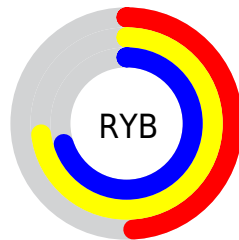
Distribution



Red (51%)

Green (73%)

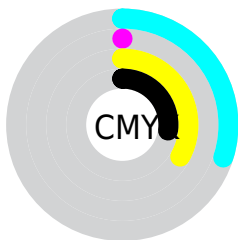
Blue (49%)



Red (49%)

Yellow (73%)

Blue (70%)

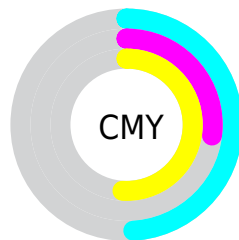


Cyan (30%)

Magenta (0%)

Yellow (33%)

Black (27%)



Cyan (49%)

Magenta (27%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.4870, -18.9741, -27.6141 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 162.4870, -18.9741, -27.6141 by changing the saturation by 10% instead.

■ 162.4870,
-18.9741, -27.6141

■ 162.4870,
-18.9741, -27.6141

255.0000, 0.0000,
0.0000

■ 136.0140,
-18.2479, -27.1993

■ 217.5470,
-19.9897, -28.5437

■ 109.5410,
-17.5217, -26.7845

■ 237.0410,
-15.7962, -20.2070

■ 84.7690, -16.6481,
-26.9844

■ 248.6050, -7.6933,
-5.7926

■ 59.6980, -15.6271,
-27.7991

■ 35.2030, -14.8901,
-30.8730

■ 21.7190, -10.7075,
-19.0476

■ 1.7610, -0.8682,

-1.5444

■ 0.0000, 0.0000,
0.0000

■ 162.4870,
-18.9741, -27.6141

■ 162.4870,
-18.9741, -27.6141

■ 155.2380,
-24.7673, -36.1657

■ 169.4370,
-13.0334, -19.6772

■ 148.4020,
-30.2712, -44.2026

■ 176.5720, -7.6770,
-11.0256

■ 141.1530,
-36.0644, -52.7542

■ 183.5220, -1.7363,
-3.0888

■ 134.3170,
-41.5683, -60.7910

■ 190.6570, 3.6201,
5.5628

■ 127.3670,
-47.5089, -68.7279

■ 197.9060, 9.4133,
14.1144

■ 120.1180,
-53.3022, -77.2795

■ 204.8560, 15.3540,
22.0513

■ 115.4610,
-56.9223, -82.8423

■ 211.6920, 20.8578,
30.0881

■ 214.4970, 19.9680,
35.5211

Harmonies

Analogous

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



167.0690, -31.5860, 4.3245



162.4870, -18.9741, -27.6141



154.9460, 1.5056, -63.0966

Triad

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



162.4870, -18.9741, -27.6141



161.7670, 40.0479, -58.5547



174.8720, -12.2619, 59.7483

Complementary

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



162.4870, -18.9741, -27.6141



147.5130, 18.9741, 27.6141

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.



176.3990, 5.2263, 50.5161



162.4870, -18.9741, -27.6141



172.9190, 33.0709, -13.9610

Square

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



162.4870, -18.9741, -27.6141



137.0170, 43.8686, -117.5329



176.7730, 21.3109, 24.7551



172.7450, -26.4963, 51.9666

Rectangle

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



162.4870, -18.9741, -27.6141



145.8250, 18.3273, -91.9315



176.7730, 21.3109, 24.7551



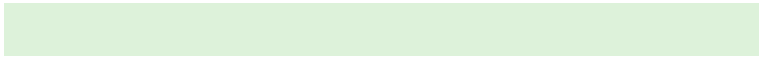
175.3540, -6.5835, 58.4485

Sweetspot

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



162.4870, -18.9741, -27.6141



232.9850, -7.3876, -10.5108



174.8230, -25.0557, 9.8022



116.5170, -4.1989, -6.5924



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



162.4870, -18.9741, -27.6141



205.2280, -29.6924, -43.1730



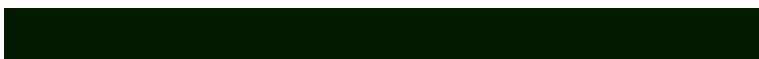
163.1300, -7.4591, -34.3170



88.5820, -2.7519, -4.0184



96.9540, -47.7983, -69.2427



17.3330, -8.5452, -12.5700

Inverse Universe

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



147.5130, 18.9741, 27.6141



181.7720, 29.6924, 43.1730



146.8700, 7.4591, 34.3170



86.4180, 2.7519, 4.0184



59.0460, 47.7983, 69.2427



10.6670, 8.5452, 12.5700

Previews

White Background



This preview shows how the YUV color 162.4870, -18.9741, -27.6141 looks on a white background.

Color Contrast Check

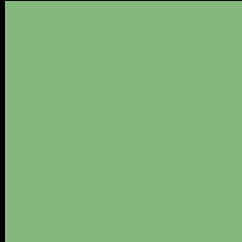
Large Text (above 18pt) WCAG AA × Fail

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 162.4870, -18.9741, -27.6141 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 ✓ Pass

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

YUV 162.4870, -18.9741, -27.6141 Background



This preview shows how black text looks on a background with the YUV color 162.4870, -18.9741, -27.6141.



This preview shows how white text looks on a background with the YUV color 162.4870, -18.9741, -27.6141.

-27.6141.

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

162.4870, -18.9741, -27.6141

Protanopia

170.0300, -25.6508, 14.0057

Deuteranopia

171.9590, -21.1788, 26.3460



Tritanopia

169.1310, 11.2744, -22.9169

Trichromacy



Original Color

162.4870, -18.9741, -27.6141

Protanomaly

167.2130, -23.2760, -1.0638

Deuteranomaly

168.6530, -20.5349, 6.4433

Tritanomaly

166.8460, 0.0759, -24.4209

Monochromacy



Original Color

162.4870, -18.9741, -27.6141

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.3980, -7.0982, -9.9960

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.4870, -18.9741, -27.6141 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(131, 186, 124)` looks like.

```
.text, #text, p{  
    color:rgb(131, 186, 124)  
}
```

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(131, 186, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 186, 124) }
```

Border

The CSS property to change the border of an element to YUV 162.4870, -18.9741, -27.6141 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(131, 186, 124) }
```


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

```
.border{ border-color:rgb(131, 186, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 186, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 186, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 186, 124);  
box-shadow:4px 4px 4px 4px rgb(131, 186,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 162.4870, -18.9741, -27.6141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 186, 124) }
```

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

```
.background{ background-color: rgb(131,  
186, 124) }
```

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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