

Converting Colors

YUV(163.6780, -22.0263,
-28.6586)

Have a look what the booklet for
YUV(163.6780, -22.0263, -28.6586)
contains.

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Color

**YUV(163.6780, -22.0263,
-28.6586)**

Conversions

Conversions Part 1

Format	Color
Hex	83BD77
RGB	131, 189, 119
RGB Percent	51%, 74%, 47%
CMY	0.4863, 0.2588, 0.5333
CMYK	0.31, 0.00, 0.37, 0.26
HSL	110°, 35%, 60%
HSV	110°, 37%, 74%
XYZ	30.8874, 42.5524, 24.0383
YIQ	163.6780, -12.0980, -34.0660

Conversions

Conversions Part 2

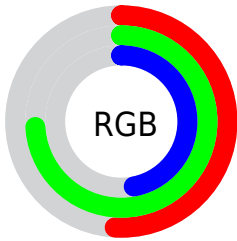
Format	Color
RYB	119, 189, 177
Decimal	8633719
CIELab	71.25, -32.32, 29.55
CIELCh	71, 43.796, 137.561
Yxy	42.5524, 0.3169, 0.4365
Android (android.graphics.Color)	4286823799 (0xFF83BD77)
YUV	163.6780, -22.0263, -28.6586
Hunter-Lab	65.2322, -29.6366, 23.8140

Details

The YUV color **163.6780, -22.0263, -28.6586** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **144.3220, 22.0263, 28.6586**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.6240, -23.4786, -29.4882**, and **110.7320, -20.5739, -27.8290** is the 20% darker color. If you saturate the color by 10%, you get **156.7280, -27.9669, -36.5955**, and if you desaturate by 10%, it is **170.6280, -16.0856, -20.7218**.

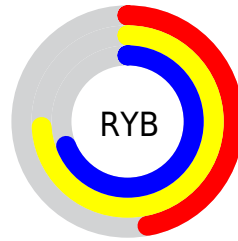
Distribution



Red (51%)

Green (74%)

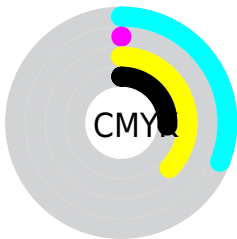
Blue (47%)



Red (47%)

Yellow (74%)

Blue (69%)

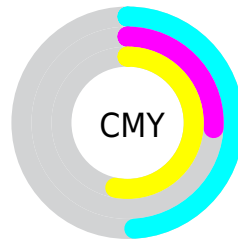


Cyan (31%)

Magenta (0%)

Yellow (37%)

Black (26%)



Cyan (49%)

Magenta (26%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.6780, -22.0263, -28.6586 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 163.6780, -22.0263, -28.6586 by changing the saturation by 10% instead.

■ 163.6780,
-22.0263, -28.6586

■ 163.6780,
-22.0263, -28.6586

255.0000, 0.0000,
0.0000

■ 137.2050,
-21.3001, -28.2438

■ 219.6240,
-23.4786, -29.4882

■ 110.7320,
-20.5739, -27.8290

■ 236.3570,
-18.4170, -19.6071

■ 85.6610, -19.5529,
-28.6437

■ 248.3340,
-10.0247, -4.6779

■ 60.2910, -18.3845,
-30.0732

■ 35.8070, -17.6529,
-31.4027

■ 22.8930, -11.2862,
-20.0772

■ 5.2830, -2.6045,

-4.6332

■ 0.0000, 0.0000,
0.0000

■ 163.6780,
-22.0263, -28.6586

■ 163.6780,
-22.0263, -28.6586

■ 156.7280,
-27.9669, -36.5955

■ 170.6280,
-16.0856, -20.7218

■ 150.0770,
-34.0550, -43.9175

■ 177.2790, -9.9975,
-13.3997

■ 143.1270,
-39.9956, -51.8544

■ 184.2290, -4.0569,
-5.4628

■ 136.1770,
-45.9363, -59.7912

■ 191.1790, 1.8838,
2.4740

■ 129.6400,
-51.5875, -67.2133

■ 197.8300, 7.9718,
9.7961

■ 122.6900,
-57.5282, -75.1501

■ 204.6660, 13.4757,
17.8329

■ 120.5110,
-59.4119, -77.6241

■ 211.6160, 19.4163,
25.7698

■ 216.2580, 19.0998,
33.9767

Harmonies

Analogous

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



168.6410, -35.8120, 6.4538



163.6780, -22.0263, -28.6586



153.7880, 1.0905, -69.9741

Triad

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



163.6780, -22.0263, -28.6586



158.5740, 46.0590, -73.2944



176.3180, -11.9888, 65.4961

Complementary

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



163.6780, -22.0263, -28.6586



144.3220, 22.0263, 28.6586

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.



178.5890, 7.1046, 54.7344



163.6780, -22.0263, -28.6586



174.0370, 37.4498, -18.4494

Square

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



163.6780, -22.0263, -28.6586



139.1520, 45.7741, -122.0363



179.2830, 24.5105, 25.1848



174.6210, -28.4072, 58.2144

Rectangle

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



163.6780, -22.0263, -28.6586



135.4410, 23.9396, -118.7818



179.2830, 24.5105, 25.1848



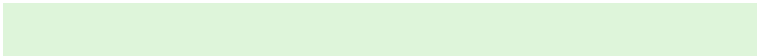
177.0280, -5.4368, 63.9964

Sweetspot

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



163.6780, -22.0263, -28.6586



235.0450, -8.4032, -11.4405



173.3890, -26.8138, 13.6908



116.2890, -5.0725, -6.3925



250.0000, 0.0000, 0.0000



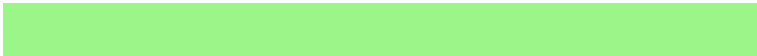
122.0000, 0.0000, 0.0000

Same Dimension

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



163.6780, -22.0263, -28.6586



206.0770, -34.0550, -43.9175



162.5980, -10.6478, -38.2354



90.8810, -2.8993, -3.4036



100.8190, -49.7038, -64.7393



19.6920, -9.7082, -12.8849

Inverse Universe

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



144.3220, 22.0263, 28.6586



175.9230, 34.0550, 43.9175



145.4020, 10.6478, 38.2354



88.4180, 2.7519, 4.0184



57.1810, 49.7038, 64.7393



11.0090, 9.8556, 12.2701

Previews

White Background



This preview shows how the YUV color 163.6780, -22.0263, -28.6586 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 163.6780, -22.0263, -28.6586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

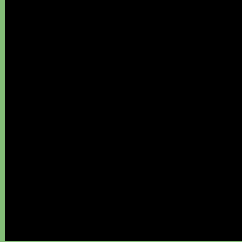
Any Text WCAG AA ✓ Pass

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 163.6780, -22.0263, -28.6586 Background



This preview shows how black text looks on a background with the YUV color 163.6780, -22.0263, -28.6586.



This preview shows how white text looks on a background with the YUV color 163.6780, -22.0263, -28.6586.

-28.6586.

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

163.6780, -22.0263, -28.6586

Protanopia

171.5310, -28.8558, 15.3203

Deuteranopia

173.1720, -24.2418, 28.7902



Tritanopia

170.8320, 11.4218, -23.5317

Trichromacy



Original Color

163.6780, -22.0263, -28.6586

Protanomaly

168.4150, -26.3336, -0.3640

Deuteranomaly

169.5670, -23.4505, 8.2727

Tritanomaly

168.0200, -0.5029, -25.4505

Monochromacy



Original Color

163.6780, -22.0263, -28.6586

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.8710, -7.8244, -10.4109

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.6780, -22.0263, -28.6586 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, 189, 119)` looks like.

```
.text, #text, p{  
    color:rgb(131, 189, 119)  
}
```

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, 189, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 189, 119) }
```

Border

The CSS property to change the border of an element to YUV 163.6780, -22.0263, -28.6586 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, 189, 119) }
```


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

```
.border{ border-color:rgb(131, 189, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 189, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 189, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 189, 119);  
box-shadow:4px 4px 4px 4px rgb(131, 189,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 163.6780, -22.0263, -28.6586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 189, 119) }
```

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

```
.background{ background-color: rgb(131,  
189, 119) }
```

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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