

Converting Colors

YUV(163.9600, -19.7003,
-28.0289)

Have a look what the booklet for
YUV(163.9600, -19.7003, -28.0289)
contains.

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Color

**YUV(163.9600, -19.7003,
-28.0289)**

Conversions

Conversions Part 1

Format	Color
Hex	84BC7C
RGB	132, 188, 124
RGB Percent	52%, 74%, 49%
CMY	0.4824, 0.2627, 0.5137
CMYK	0.30, 0.00, 0.34, 0.26
HSL	112°, 32%, 61%
HSV	112°, 34%, 74%
XYZ	31.1370, 42.3272, 25.5977
YIQ	163.9600, -12.8320, -31.7760

Conversions

Conversions Part 2

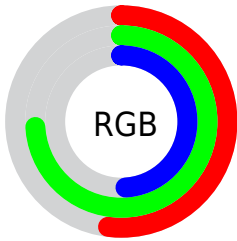
Format	Color
RYB	124, 188, 180
Decimal	8699004
CIELab	71.10, -30.73, 26.73
CIELCh	71, 40.731, 138.986
Yxy	42.3272, 0.3143, 0.4273
Android (android.graphics.Color)	4286889084 (0xFF84BC7C)
YUV	163.9600, -19.7003, -28.0289
Hunter-Lab	65.0594, -28.4248, 22.2139

Details

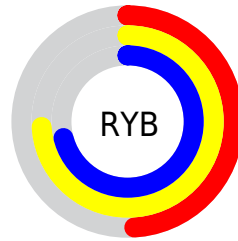
The YUV color **163.9600, -19.7003, -28.0289** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **148.0400, 19.7003, 28.0289**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.9060, -21.1527, -28.8586**, and **111.0140, -18.2479, -27.1993** is the 20% darker color. If you saturate the color by 10%, you get **157.0100, -25.6409, -35.9658**, and if you desaturate by 10%, it is **170.9100, -13.7596, -20.0921**.

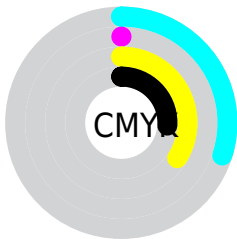
Distribution



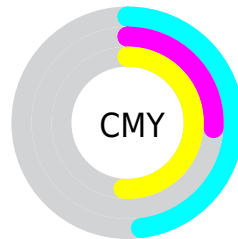
- Red (52%)
- Green (74%)
- Blue (49%)



- Red (49%)
- Yellow (74%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (34%)
- Black (26%)



- Cyan (48%)
- Magenta (26%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.9600, -19.7003, -28.0289 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 163.9600, -19.7003, -28.0289 by changing the saturation by 10% instead.

■ 163.9600,
-19.7003, -28.0289

■ 163.9600,
-19.7003, -28.0289

255.0000, 0.0000,
0.0000

■ 137.4870,
-18.9741, -27.6141

■ 219.9060,
-21.1527, -28.8586

■ 111.0140,
-18.2479, -27.1993

■ 237.3400,
-15.9436, -19.5922

■ 86.2420, -17.3743,
-27.3992

■ 249.2030, -7.9881,
-4.5630

■ 61.1710, -16.3533,
-28.2140

■ 35.7900, -15.1795,
-31.3878

■ 22.8930, -11.2862,
-20.0772

■ 4.1090, -2.0257,

-3.6036

■ 0.0000, 0.0000,
0.0000

■ 163.9600,
-19.7003, -28.0289

■ 163.9600,
-19.7003, -28.0289

■ 157.0100,
-25.6409, -35.9658

■ 170.9100,
-13.7596, -20.0921

■ 149.7610,
-31.4342, -44.5174

■ 178.1590, -7.9664,
-11.5404

■ 142.9250,
-36.9380, -52.5542

■ 184.9950, -2.4625,
-3.5036

■ 135.6760,
-42.7313, -61.1059

■ 192.2440, 3.3307,
5.0480

■ 128.7260,
-48.6719, -69.0427

■ 199.1940, 9.2714,
12.9849

■ 121.4770,
-54.4652, -77.5943

■ 206.4430, 15.0646,
21.5365

■ 117.5320,
-57.9433, -82.0276

■ 213.2790, 20.5685,
29.5733

■ 215.6710, 19.3892,
34.4915

Harmonies

Analogous

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



168.7270, -32.8964, 4.6244



163.9600, -19.7003, -28.0289



155.9350, 1.5110, -64.8410

Triad

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



163.9600, -19.7003, -28.0289



162.3860, 41.2217, -61.7285



176.5840, -12.1199, 60.8778

Complementary

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



163.9600, -19.7003, -28.0289



148.0400, 19.7003, 28.0289

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.



178.1110, 5.3683, 51.6457



163.9600, -19.7003, -28.0289



174.8480, 34.0919, -14.7757

Square

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



163.9600, -19.7003, -28.0289



137.6360, 45.0425, -120.7068



178.8870, 21.7477, 24.6551



174.6420, -26.9385, 53.8110

Rectangle

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



163.9600, -19.7003, -28.0289



145.3190, 19.0697, -96.7498



178.8870, 21.7477, 24.6551



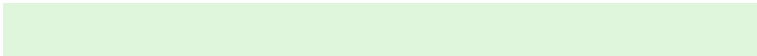
177.0660, -6.4415, 59.5781

Sweetspot

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



163.9600, -19.7003, -28.0289



235.5720, -7.6770, -11.0256



175.4210, -25.3506, 11.0318



116.8160, -4.3463, -5.9776



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.



163.9600, -19.7003, -28.0289



207.1740, -31.1448, -44.0026



164.1900, -8.4747, -35.2466



90.5820, -2.7519, -4.0184



98.7260, -48.6719, -69.0427



19.3930, -9.5607, -13.4997

Inverse Universe

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



148.0400, 19.7003, 28.0289



181.8260, 31.1448, 44.0026



147.8100, 8.4747, 35.2466



88.4180, 2.7519, 4.0184



59.2740, 48.6719, 69.0427



11.6070, 9.5607, 13.4997

Previews

White Background



This preview shows how the YUV color 163.9600, -19.7003, -28.0289 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 163.9600, -19.7003, -28.0289 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 163.9600, -19.7003, -28.0289 Background



This preview shows how black text looks on a background with the YUV color 163.9600, -19.7003, -28.0289.



This preview shows how white text looks on a background with the YUV color 163.9600, -19.7003, -28.0289.

-28.0289.

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

163.9600, -19.7003, -28.0289

Protanopia

171.2150, -26.2350, 14.7204

Deuteranopia

173.4430, -21.9104, 27.6755



Tritanopia

170.2450, 11.7112, -23.0169

Trichromacy



Original Color

163.9600, -19.7003, -28.0289

Protanomaly

168.3980, -23.8602, -0.3490

Deuteranomaly

169.8380, -21.1191, 7.1581

Tritanomaly

167.9600, 0.5127, -24.5209

Monochromacy



Original Color

163.9600, -19.7003, -28.0289

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.9850, -7.3876, -10.5108

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.9600, -19.7003, -28.0289 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(132, 188, 124)` looks like.

```
.text, #text, p{  
    color:rgb(132, 188, 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(132, 188, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 188, 124) }
```

Border

The CSS property to change the border of an element to YUV 163.9600, -19.7003, -28.0289 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(132, 188, 124) }
```


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

```
.border{ border-color:rgb(132, 188, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 188, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 188, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 188, 124);  
box-shadow:4px 4px 4px 4px rgb(132, 188,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 163.9600, -19.7003, -28.0289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 188, 124) }
```

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

```
.background{ background-color: rgb(132,  
188, 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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