

Converting Colors

YUV(163.6880, 19.8738,
-27.7904)

Have a look what the booklet for
YUV(163.6880, 19.8738, -27.7904)
contains.

YUV(163.6880, 19.8738, -27.7904)	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(163.6880, 19.8738,
-27.7904)**

Conversions

Conversions Part 1

Format	Color
Hex	84ACCC
RGB	132, 172, 204
RGB Percent	52%, 67%, 80%
CMY	0.4824, 0.3255, 0.2000
CMYK	0.35, 0.16, 0.00, 0.20
HSL	207°, 41%, 66%
HSV	207°, 35%, 80%
XYZ	35.1673, 38.7702, 62.7566
YIQ	163.6880, -34.1120, 1.4720

Conversions

Conversions Part 2

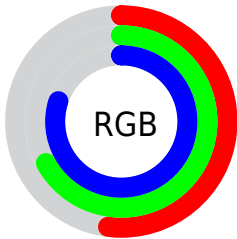
Format	Color
R _{YB}	132, 158, 204
Decimal	8694988
CIE Lab	68.58, -5.64, -20.61
CIE LCh	69, 21.364, 254.704
Yxy	38.7702, 0.2573, 0.2836
Android (android.graphics.Color)	4286885068 (0xFF84ACCC)
YUV	163.6880, 19.8738, -27.7904
Hunter-Lab	62.2657, -8.1493, -16.1714

Details

The YUV color **163.6880, 19.8738, -27.7904** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **172.3120, -19.8738, 27.7904**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.2320, 18.1266, -27.3905**, and **111.1610, 19.1476, -28.2052** is the 20% darker color. If you saturate the color by 10%, you get **152.4250, 25.4265, -35.4527**, and if you desaturate by 10%, it is **174.9510, 14.3212, -20.1280**.

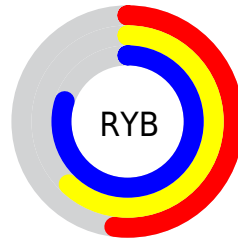
Distribution



Red (52%)

Green (67%)

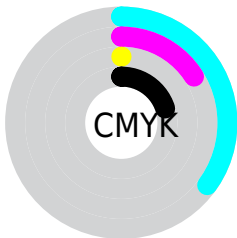
Blue (80%)



Red (52%)

Yellow (62%)

Blue (80%)

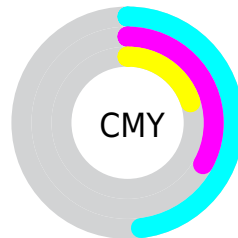


Cyan (35%)

Magenta (16%)

Yellow (0%)

Black (20%)



Cyan (48%)

Magenta (33%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.6880, 19.8738, -27.7904 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 163.6880, 19.8738, -27.7904 by changing the saturation by 10% instead.

■ 163.6880, 19.8738,
-27.7904

■ 163.6880, 19.8738,
-27.7904

255.0000, 0.0000,
0.0000

■ 136.6880, 19.8738,
-27.7904

■ 218.2320, 18.1266,
-27.3905

■ 111.1610, 19.1476,
-28.2052

■ 243.0400, 5.8963,
-24.5911

■ 85.7480, 18.8582,
-28.7200

■ 251.7110, 1.6215,
-6.7625

■ 61.0250, 18.7217,
-31.5939

■ 37.3130, 18.5797,
-32.7235

■ 22.3640, 14.6105,
-19.6132

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 163.6880, 19.8738,
-27.7904

■ 163.6880, 19.8738,
-27.7904

■ 152.4250, 25.4265,
-35.4527

■ 174.9510, 14.3212,
-20.1280

■ 140.8630, 31.1265,
-43.7299

■ 186.5130, 8.6211,
-11.8509

■ 129.6000, 36.6792,
-51.3922

■ 197.7760, 3.0684,
-4.1886

■ 118.0380, 42.3793,
-59.6693

■ 209.3380, -2.6316,
4.0886

■ 106.7750, 47.9319,
-67.3317

■ 220.6010, -8.1843,
11.7509

■ 95.5120, 53.4846,
-74.9940

■ 231.8640,
-13.7370, 19.4133

■ 89.5870, 56.4056,
-78.5678

■ 237.4460,
-16.4889, 15.3949

■ 243.3160,
-19.3828, 10.2469

■ 248.5990,
-21.9873, 5.6137

Harmonies

Analogous

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



159.8130, 16.8542, -39.3010



163.6880, 19.8738, -27.7904



167.6410, 17.9250, -9.3322

Triad

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



163.6880, 19.8738, -27.7904



170.3030, -6.0654, 32.1833



162.8340, -11.7502, -11.2554

Complementary

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



163.6880, 19.8738, -27.7904



172.3120, -19.8738, 27.7904

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.



165.4510, -17.4773, 5.7435



163.6880, 19.8738, -27.7904



169.2290, -13.9169, 30.4942

Square

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



163.6880, 19.8738, -27.7904



171.0770, 3.4130, 25.3655



167.6100, -18.5417, 20.5130



160.8410, -2.3866, -27.9246

Rectangle

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



163.6880, 19.8738, -27.7904



169.2190, 14.6820, 4.1929



167.6100, -18.5417, 20.5130



163.8840, -14.2398, -6.0373

Sweetspot

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



163.6880, 19.8738, -27.7904



239.5840, 7.6001, -11.0362



177.7980, -7.2954, -40.1648



118.2210, 4.8210, -6.3328



0.0000, 0.0000, 0.0000



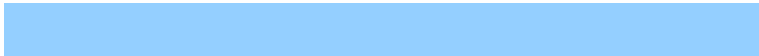
128.0000, 0.0000, 0.0000

Same Dimension

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



163.6880, 19.8738, -27.7904



194.8310, 29.6633, -41.0708



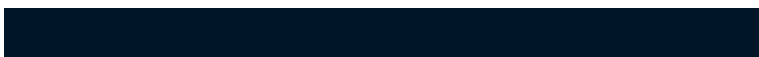
143.1430, 30.0025, -9.7724



96.0750, 2.9210, -3.5738



72.9280, 45.8845, -63.9579



16.6590, 10.5211, -14.6099

Inverse Universe

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



158.0880, 6.8586, 40.2648



186.7190, 9.9985, 59.8824



192.8570, -30.0025, 9.7724



95.5600, 0.7099, 5.6479



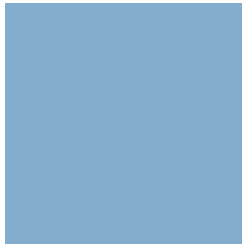
60.1220, 15.7159, 92.8550



13.7560, 3.5713, 21.2620

Previews

White Background



This preview shows how the YUV color 163.6880, 19.8738, -27.7904 looks on a white background.

Color Contrast Check

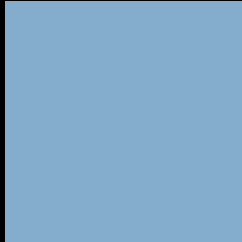
Large Text (above 18pt) WCAG AA × Fail

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 163.6880, 19.8738, -27.7904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

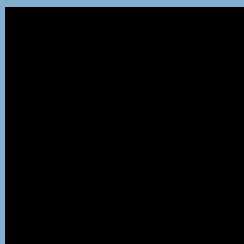
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

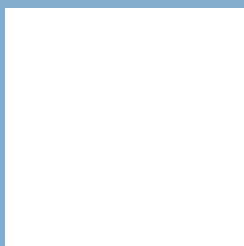
Any Text WCAG AAA ✓ Pass

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

YUV 163.6880, 19.8738, -27.7904 Background



This preview shows how black text looks on a background with the YUV color 163.6880, 19.8738, -27.7904.



This preview shows how white text looks on a background with the YUV color 163.6880, 19.8738, -27.7904.

-27.7904.

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

163.6880, 19.8738, -27.7904

Protanopia

167.3810, 15.5882, -6.4731

Deuteranopia

167.9020, 18.7823, -4.2991



Tritanopia

162.5430, 13.0433, -30.2942

Trichromacy



Original Color

163.6880, 19.8738, -27.7904

Protanomaly

166.3800, 17.0677, -14.3653

Deuteranomaly

166.2600, 19.0988, -12.5060

Tritanomaly

162.8250, 15.3693, -29.6645

Monochromacy



Original Color

163.6880, 19.8738, -27.7904

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.8830, 7.4527, -10.4214

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.6880, 19.8738, -27.7904 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, 172, 204)` looks like.

```
.text, #text, p{  
    color:rgb(132, 172, 204)  
}
```

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, 172, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 172, 204) }
```

Border

The CSS property to change the border of an element to YUV 163.6880, 19.8738, -27.7904 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, 172, 204) }
```


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

```
.border{ border-color:rgb(132, 172, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 172, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 172, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 172, 204);  
box-shadow:4px 4px 4px 4px rgb(132, 172,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 163.6880, 19.8738, -27.7904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 172, 204) }
```

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

```
.background{ background-color: rgb(132,  
172, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor