

Converting Colors

YUV(123.6880, 19.8738,
-27.7904)

Have a look what the booklet for
YUV(123.6880, 19.8738, -27.7904)
contains.

| | |
|--|----|
| YUV(123.6880, 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(123.6880, 19.8738,
-27.7904)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5C84A4 |
| RGB | 92, 132, 164 |
| RGB Percent | 36%, 52%, 64% |
| CMY | 0.6392, 0.4824, 0.3569 |
| CMYK | 0.44, 0.20, 0.00, 0.36 |
| HSL | 207°, 28%, 50% |
| HSV | 207°, 44%, 64% |
| XYZ | 19.3657, 21.4582, 38.2431 |
| YIQ | 123.6880, -34.1120, 1.4720 |

Conversions

Conversions Part 2

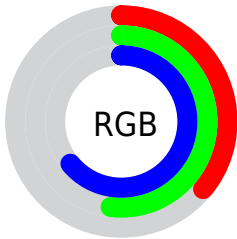
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 92, 118, 164 |
| Decimal | 6063268 |
| CIE _{Lab} | 53.45, -5.12, -21.37 |
| CIE _{LCh} | 53, 21.980, 256.518 |
| Yxy | 21.4582, 0.2449, 0.2714 |
| Android (android.graphics.Color) | 4284253348 (0xFF5C84A4) |
| YUV | 123.6880, 19.8738, -27.7904 |
| Hunter-Lab | 46.3230, -6.4417, -16.5223 |

Details

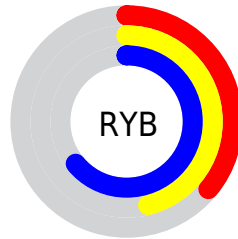
The YUV color $123.6880, 19.8738, -27.7904$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $132.3120, -19.8738, 27.7904$, and the grayscale version is $124.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $176.9160, 20.7474, -27.9903$, and $73.1500, 19.1530, -29.9496$ is the 20% darker color. If you saturate the color by 10%, you get $114.7950, 24.2581, -34.0232$, and if you desaturate by 10%, it is $132.5810, 15.4896, -21.5575$.

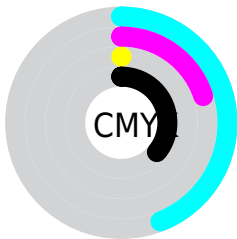
Distribution



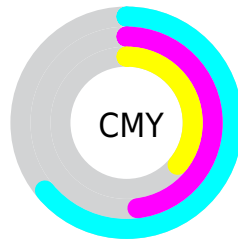
- Red (36%)
- Green (52%)
- Blue (64%)



- Red (36%)
- Yellow (46%)
- Blue (64%)



- Cyan (44%)
- Magenta (20%)
- Yellow (0%)
- Black (36%)



- Cyan (64%)
- Magenta (48%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.6880, 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 123.6880, 19.8738, -27.7904 by changing the saturation by 10% instead.

■ 123.6880, 19.8738,
-27.7904

■ 123.6880, 19.8738,
-27.7904

■ 255.0000, 0.0000,
0.0000

■ 98.2750, 19.5844,
-28.3052

■ 176.9160, 20.7474,
-27.9903

■ 73.1500, 19.1530,
-29.9496

■ 205.0300, 21.1842,
-28.0903

■ 46.7470, 20.3377,
-36.6121

■ 230.6360, 12.0115,
-25.9908

■ 29.6020, 16.9582,
-25.9610

■ 247.5250, 3.6852,
-15.3694

■ 14.7670, 13.4259,
-12.9507

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 123.6880, 19.8738,
-27.7904

■ 123.6880, 19.8738,
-27.7904

■ 114.7950, 24.2581,
-34.0232

■ 132.5810, 15.4896,
-21.5575

■ 105.0160, 29.0791,
-40.3560

■ 142.3600, 10.6685,
-15.2247

■ 96.1230, 33.4634,
-46.5889

■ 151.2530, 6.2843,
-8.9919

■ 86.9310, 37.9950,
-53.4365

■ 160.4450, 1.7526,
-2.1443

■ 78.0380, 42.3793,
-59.6693

■ 169.3380, -2.6316,
4.0886

■ 72.1130, 45.3003,
-63.2431

■ 178.8180, -7.3053,
9.8066

■ 188.0100,
-11.8369, 16.6542

■ 196.9030,
-16.2212, 22.8871

■ 206.6820,
-21.0422, 29.2199

Harmonies

Analogous

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



119.2150, 17.1490, -40.5306



123.6880, 19.8738, -27.7904



128.2390, 17.6302, -8.1026

Triad

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



123.6880, 19.8738, -27.7904



130.0040, -5.9180, 31.5685



123.3500, -11.0185, -12.5849

Complementary

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



123.6880, 19.8738, -27.7904



132.3120, -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.



125.8530, -17.1825, 4.5139



123.6880, 19.8738, -27.7904



129.2180, -13.9115, 28.7498

Square

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



123.6880, 19.8738, -27.7904



130.9630, 2.9762, 25.4654



127.7130, -18.0995, 18.6687



120.7700, -1.3656, -28.7393

Rectangle

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



123.6880, 19.8738, -27.7904



129.7030, 13.9504, 5.5225



127.7130, -18.0995, 18.6687



123.8130, -13.2188, -6.8520

Sweetspot

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



123.6880, 19.8738, -27.7904



198.5840, 7.6001, -11.0362



137.7980, -7.2954, -40.1648



97.2210, 4.8210, -6.3328



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



123.6880, 19.8738, -27.7904



150.8630, 31.1265, -43.7299



103.1430, 30.0025, -9.7724



76.9610, 2.4842, -3.4738



64.0770, 39.8950, -56.1955



7.9220, 4.9685, -6.9476

Inverse Universe

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



118.0880, 6.8586, 40.2648



141.9690, 10.8613, 63.1712



152.8570, -30.0025, 9.7724



76.2610, 0.8573, 5.0331



52.5890, 14.0066, 81.0444



6.5220, 1.7147, 10.0662

Previews

White Background



This preview shows how the YUV color 123.6880, 19.8738, -27.7904 looks on a white background.

Color Contrast Check

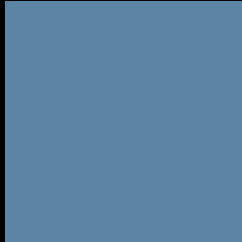
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 123.6880, 19.8738, -27.7904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

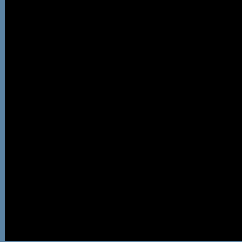
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.6880, 19.8738, -27.7904 Background



This preview shows how black text looks on a background with the YUV color 123.6880, 19.8738, -27.7904.



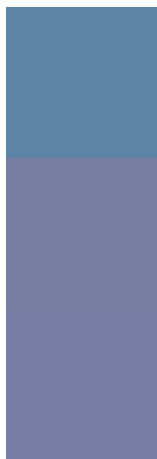
This preview shows how white text looks on a background with the YUV color 123.6880, 19.8738, -27.7904.

-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

123.6880, 19.8738, -27.7904

Protanopia

127.7830, 15.8830, -7.7027

Deuteranopia

127.7660, 18.3564, -7.6878



Tritanopia

121.9020, 11.8803, -30.6091

Trichromacy



Original Color

123.6880, 19.8738, -27.7904

Protanomaly

126.0810, 17.2151, -14.9800

Deuteranomaly

126.5370, 18.9623, -15.3799

Tritanomaly

122.7110, 14.9325, -29.5645

Monochromacy



Original Color

123.6880, 19.8738, -27.7904

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.8830, 7.4527, -10.4214

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.6880, 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(92, 132, 164)` looks like.

```
.text, #text, p{  
    color:rgb(92, 132, 164)  
}
```

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(92, 132, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 132, 164) }
```

Border

The CSS property to change the border of an element to YUV 123.6880, 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(92, 132, 164) }
```


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

```
.border{ border-color:rgb(92, 132, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 132, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 132, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 132, 164);  
box-shadow:4px 4px 4px 4px rgb(92, 132,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 123.6880, 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(92, 132, 164) }
```

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

```
.background{ background-color: rgb(92, 132,  
164) }
```

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