

Converting Colors

YUV(103.8800, 15.3422,
-20.9428)

Have a look what the booklet for
YUV(103.8800, 15.3422, -20.9428)
contains.

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Color

**YUV(103.8800, 15.3422,
-20.9428)**

Conversions

Conversions Part 1

Format	Color
Hex	506E87
RGB	80, 110, 135
RGB Percent	31%, 43%, 53%
CMY	0.6863, 0.5686, 0.4706
CMYK	0.41, 0.19, 0.00, 0.47
HSL	207°, 26%, 42%
HSV	207°, 41%, 53%
XYZ	13.2574, 14.6066, 25.0423
YIQ	103.8800, -25.9050, 1.4150

Conversions

Conversions Part 2

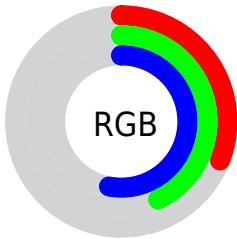
Format	Color
RYB	80, 99, 135
Decimal	5271175
CIELab	45.09, -4.02, -17.21
CIElCh	45, 17.671, 256.860
Yxy	14.6066, 0.2506, 0.2761
Android (android.graphics.Color)	4283461255 (0xFF506E87)
YUV	103.8800, 15.3422, -20.9428
Hunter-Lab	38.2186, -4.9639, -12.0961

Details

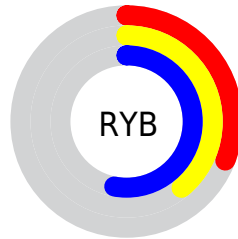
The YUV color **103.8800, 15.3422, -20.9428** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **111.1200, -15.3422, 20.9428**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.1080, 16.2158, -21.1427**, and **55.6410, 14.4740, -22.4872** is the 20% darker color. If you saturate the color by 10%, you get **96.1720, 19.1422, -26.4608**, and if you desaturate by 10%, it is **111.5880, 11.5421, -15.4247**.

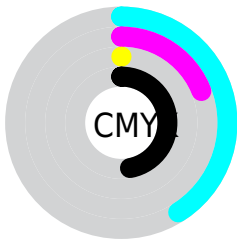
Distribution



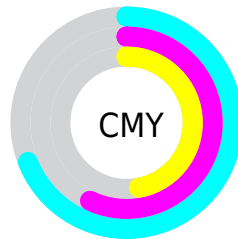
- Red (31%)
- Green (43%)
- Blue (53%)



- Red (31%)
- Yellow (39%)
- Blue (53%)



- Cyan (41%)
- Magenta (19%)
- Yellow (0%)
- Black (47%)



- Cyan (69%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.8800, 15.3422, -20.9428 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 103.8800, 15.3422, -20.9428 by changing the saturation by 10% instead.

■ 103.8800, 15.3422,
-20.9428

■ 103.8800, 15.3422,
-20.9428

■ 255.0000, 0.0000,
0.0000

■ 79.4670, 15.0528,
-21.4576

■ 155.1080, 16.2158,
-21.1427

■ 55.6410, 14.4740,
-22.4872

■ 182.2220, 16.6526,
-21.2427

■ 31.4340, 15.0690,
-26.6906

■ 210.3360, 17.0894,
-21.3427

■ 16.3000, 11.6841,
-14.2951

■ 236.8710, 8.9376,
-20.0579

■ 2.7530, 8.0098,
-2.4144

■ 251.1130, 1.9163,
-7.9921

■ 0.0000, 0.0000,
0.0000

■ 103.8800, 15.3422,
-20.9428

■ 103.8800, 15.3422,
-20.9428

■ 96.1720, 19.1422,
-26.4608

■ 111.5880, 11.5421,
-15.4247

■ 88.7630, 22.7948,
-31.3642

■ 118.9970, 7.8895,
-10.5214

■ 81.0550, 26.5949,
-36.8822

■ 126.4060, 4.2368,
-5.6181

■ 73.0590, 30.5369,
-41.2707

■ 134.7010, 0.1474,
-0.6148

■ 65.3510, 34.3370,
-46.7888

■ 142.1100, -3.5052,
4.2885


■ 58.8280, 37.5528,
-51.5922

■ 149.8180, -7.3053,
9.8066

■ 157.5260,
-11.1053, 15.3247

■ 164.9350,

-14.7580, 20.2280

 172.6430,
-18.5580, 25.7461

Harmonies

Analogous

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



100.6570, 13.4801, -30.3942



103.8800, 15.3422, -20.9428



106.9250, 13.8410, -6.0732

Triad

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



103.8800, 15.3422, -20.9428



108.6010, -4.7333, 24.9059



103.0560, -8.4086, -9.6961

Complementary

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



103.8800, 15.3422, -20.9428



111.1200, -15.3422, 20.9428

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.



104.8790, -13.2513, 3.6141



103.8800, 15.3422, -20.9428



107.9830, -10.8376, 22.8169

Square

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



103.8800, 15.3422, -20.9428



109.4030, 2.2663, 19.8176



107.0160, -14.3049, 14.8950



101.6290, -0.8031, -22.4766

Rectangle

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



103.8800, 15.3422, -20.9428



108.4810, 10.6089, 3.9632



107.0160, -14.3049, 14.8950



103.9210, -10.3141, -5.1927

Sweetspot

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



103.8800, 15.3422, -20.9428



163.8510, 5.9895, -7.7623



115.1350, -4.9966, -30.8134



82.4770, 3.2158, -4.8033



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



103.8800, 15.3422, -20.9428



127.3930, 23.9633, -32.7937



88.0310, 23.1557, -7.0432



62.4450, 1.7526, -2.1443



56.4970, 36.2370, -49.5479



0.9290, 1.0210, -0.8147

Inverse Universe

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



99.8650, 4.9966, 30.8134



121.0720, 7.8525, 48.1719



126.9690, -23.1557, 7.0432



62.1360, 0.4260, 3.3887



46.9640, 11.8497, 72.8226



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 103.8800, 15.3422, -20.9428 looks on a white 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

Black Background



This preview shows how the YUV color 103.8800, 15.3422, -20.9428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

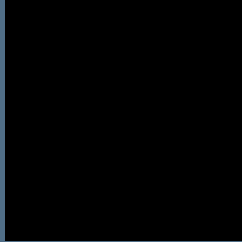
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

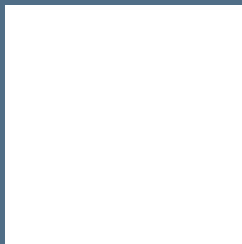
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 103.8800, 15.3422, -20.9428

Background



This preview shows how black text looks on a background with the YUV color 103.8800, 15.3422, -20.9428.



This preview shows how white text looks on a background with the YUV color 103.8800, 15.3422, -20.9428.

-20.9428.

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

103.8800, 15.3422, -20.9428

Protanopia

106.5830, 12.5306, -5.7733

Deuteranopia

106.7510, 14.4198, -5.0436



Tritanopia

102.2620, 9.2378, -23.0318

Trichromacy



Original Color

103.8800, 15.3422, -20.9428

Protanomaly

105.7780, 13.4204, -11.2063

Deuteranomaly

105.5330, 15.0202, -10.9914

Tritanomaly

102.5440, 11.5638, -22.4021

Monochromacy



Original Color

103.8800, 15.3422, -20.9428

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.7370, 5.5527, -7.6623

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.8800, 15.3422, -20.9428 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(80, 110, 135)` looks like.

```
.text, #text, p{  
    color:rgb(80, 110, 135)  
}
```

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(80, 110, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 110, 135) }
```

Border

The CSS property to change the border of an element to YUV 103.8800, 15.3422, -20.9428 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(80, 110, 135) }
```


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

```
.border{ border-color:rgb(80, 110, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 110, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 110, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 110, 135);  
box-shadow:4px 4px 4px 4px rgb(80, 110,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 103.8800, 15.3422, -20.9428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 110, 135) }
```

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

```
.background{ background-color: rgb(80, 110,  
135) }
```

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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