

Converting Colors

YUV(168.1720, -17.8328,
-20.3218)

Have a look what the booklet for
YUV(168.1720, -17.8328, -20.3218)
contains.

YUV(168.1720, -17.8328, -20.3218)	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(168.1720, -17.8328,
-20.3218)**

Conversions

Conversions Part 1

Format	Color
Hex	91BB84
RGB	145, 187, 132
RGB Percent	57%, 73%, 52%
CMY	0.4314, 0.2667, 0.4824
CMYK	0.22, 0.00, 0.29, 0.27
HSL	106°, 29%, 63%
HSV	106°, 29%, 73%
XYZ	33.6122, 43.2263, 28.4018
YIQ	168.1720, -7.3770, -26.0090

Conversions

Conversions Part 2

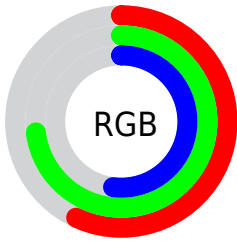
Format	Color
RYB	132, 187, 174
Decimal	9550724
CIELab	71.71, -24.47, 23.43
CIELCh	72, 33.881, 136.242
Yxy	43.2263, 0.3194, 0.4107
Android (android.graphics.Color)	4287740804 (0xFF91BB84)
YUV	168.1720, -17.8328, -20.3218
Hunter-Lab	65.7467, -23.8008, 20.4102

Details

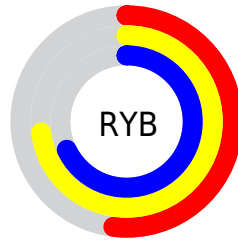
The YUV color **168.1720, -17.8328, -20.3218** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **150.8280, 17.8328, 20.3218**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.5310, -18.9958, -20.6367**, and **115.8130, -16.6698, -20.0070** is the 20% darker color. If you saturate the color by 10%, you get **161.8200, -24.0683, -27.0291**, and if you desaturate by 10%, it is **174.5240, -11.5973, -13.6145**.

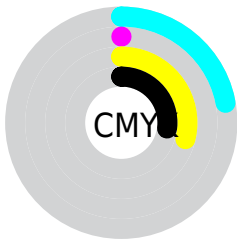
Distribution



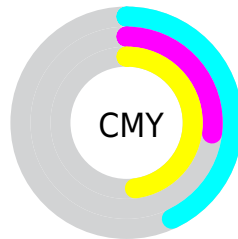
- Red (57%)
- Green (73%)
- Blue (52%)



- Red (52%)
- Yellow (73%)
- Blue (68%)



- Cyan (22%)
- Magenta (0%)
- Yellow (29%)
- Black (27%)



- Cyan (43%)
- Magenta (27%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.1720, -17.8328, -20.3218 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 168.1720, -17.8328, -20.3218 by changing the saturation by 10% instead.

■ 168.1720,
-17.8328, -20.3218

■ 168.1720,
-17.8328, -20.3218

255.0000, 0.0000,
0.0000

■ 141.6990,
-17.1066, -19.9070

■ 223.5310,
-18.9958, -20.6367

■ 115.8130,
-16.6698, -20.0070

■ 242.1390,
-14.3655, -12.3999

■ 90.6390, -16.0910,
-18.9774

■ 253.5180, -5.6784,
1.2997

■ 66.8670, -15.2174,
-19.1774

■ 42.7960, -14.1964,
-19.9921

■ 22.3060, -10.9969,
-19.5624

■ 7.0440, -3.4727,

-6.1776

■ 0.0000, 0.0000,
0.0000

■ 168.1720,
-17.8328, -20.3218

■ 168.1720,
-17.8328, -20.3218

■ 161.8200,
-24.0683, -27.0291

■ 174.5240,
-11.5973, -13.6145

■ 155.2830,
-29.7195, -34.4512

■ 181.0610, -5.9461,
-6.1925

■ 148.9310,
-35.9550, -41.1585

■ 187.4130, 0.2894,
0.5148

■ 142.5790,
-42.1904, -47.8658

■ 193.7650, 6.5249,
7.2221

■ 136.3410,
-47.9891, -54.6731

■ 200.1170, 12.7603,
13.9294

■ 129.6900,
-54.0772, -61.9951

■ 206.6540, 18.4116,
21.3514

■ 123.3380,
-60.3126, -68.7024

■ 212.0940, 21.1527,
28.8586

■ 122.9250,
-60.6020, -69.2172

■ 215.0840, 19.6786,
35.0063

Harmonies

Analogous

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



172.1170, -27.6657, 6.9134



168.1720, -17.8328, -20.3218



163.2360, -1.5953, -48.4420

Triad

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



168.1720, -17.8328, -20.3218



167.4000, 33.3268, -49.4628



178.9140, -9.3246, 50.9414

Complementary

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



168.1720, -17.8328, -20.3218



150.8280, 17.8328, 20.3218

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.



180.0450, 5.4008, 41.1795



168.1720, -17.8328, -20.3218



175.8820, 29.1452, -14.8055

Square

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



168.1720, -17.8328, -20.3218



158.3230, 29.9138, -74.8283



180.1590, 19.1486, 18.2776



177.1510, -22.2594, 46.3486

Rectangle

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



168.1720, -17.8328, -20.3218



159.0410, 10.8258, -65.8110



180.1590, 19.1486, 18.2776



179.1680, -4.5198, 49.8417

Sweetspot

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



168.1720, -17.8328, -20.3218



234.7080, -7.2510, -7.6369



172.5120, -19.9724, 12.7060



117.5280, -4.2043, -4.8481



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.



168.1720, -17.8328, -20.3218



213.1740, -27.6938, -30.8476



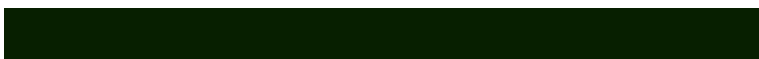
165.8810, -9.8013, -29.7136



90.8810, -2.8993, -3.4036



103.8090, -51.1778, -58.5915



20.2900, -10.0030, -11.6553

Inverse Universe

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



150.8280, 17.8328, 20.3218



186.1250, 27.5464, 31.4624



153.1190, 9.8013, 29.7136



88.1190, 2.8993, 3.4036



54.1910, 51.1778, 58.5915



10.4110, 10.1504, 11.0406

Previews

White Background



This preview shows how the YUV color 168.1720, -17.8328, -20.3218 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 168.1720, -17.8328, -20.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

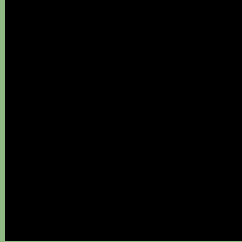
Any Text WCAG AA ✓ Pass

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 168.1720, -17.8328, -20.3218 Background



This preview shows how black text looks on a background with the YUV color 168.1720, -17.8328, -20.3218.



This preview shows how white text looks on a background with the YUV color 168.1720, -17.8328, -20.3218.

-20.3218.

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

168.1720, -17.8328, -20.3218

Protanopia

173.4150, -22.8826, 12.7910

Deuteranopia

175.4150, -19.4316, 25.9460



Tritanopia

173.4200, 9.6529, -16.1543

Trichromacy



Original Color

168.1720, -17.8328, -20.3218

Protanomaly

171.2070, -20.8081, 0.6955

Deuteranomaly

172.8320, -18.6512, 8.9173

Tritanomaly

171.4770, -0.2352, -17.9583

Monochromacy



Original Color

168.1720, -17.8328, -20.3218

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.2350, -6.5249, -7.2221

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.1720, -17.8328, -20.3218 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(145, 187, 132)` looks like.

```
.text, #text, p{  
    color:rgb(145, 187, 132)  
}
```

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(145, 187, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 187, 132) }
```

Border

The CSS property to change the border of an element to YUV 168.1720, -17.8328, -20.3218 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(145, 187, 132) }
```


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

```
.border{ border-color:rgb(145, 187, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 187, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 187, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 187, 132);  
box-shadow:4px 4px 4px 4px rgb(145, 187,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 168.1720, -17.8328, -20.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 187, 132) }
```

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

```
.background{ background-color: rgb(145,  
187, 132) }
```

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