

Converting Colors

YUV(168.3420, 11.1704,
-36.2569)

Have a look what the booklet for
YUV(168.3420, 11.1704, -36.2569)
contains.

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Color

**YUV(168.3420, 11.1704,
-36.2569)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB9BF
RGB	127, 185, 191
RGB Percent	50%, 73%, 75%
CMY	0.5020, 0.2745, 0.2510
CMYK	0.34, 0.03, 0.00, 0.25
HSL	186°, 33%, 62%
HSV	186°, 34%, 75%
XYZ	35.5053, 42.9715, 55.7132
YIQ	168.3420, -36.4940, -10.4300

Conversions

Conversions Part 2

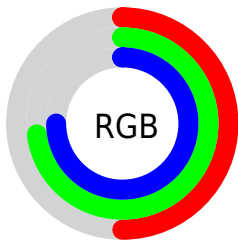
Format	Color
RYB	127, 157, 191
Decimal	8370623
CIELab	71.54, -17.21, -9.04
CIELCh	72, 19.441, 207.720
Yxy	42.9715, 0.2646, 0.3202
Android (android.graphics.Color)	4286560703 (0xFF7FB9BF)
YUV	168.3420, 11.1704, -36.2569
Hunter-Lab	65.5527, -18.0362, -4.5037

Details

The YUV color **168.3420, 11.1704, -36.2569** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **149.6580, -11.1704, 36.2569**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.0430, 11.3178, -36.8717**, and **115.3420, 11.1704, -36.2569** is the 20% darker color. If you saturate the color by 10%, you get **161.4870, 14.5499, -46.9081**, and if you desaturate by 10%, it is **175.1970, 7.7909, -25.6058**.

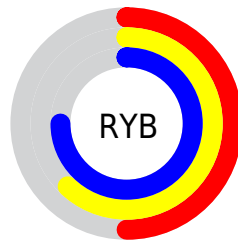
Distribution



Red (50%)

Green (73%)

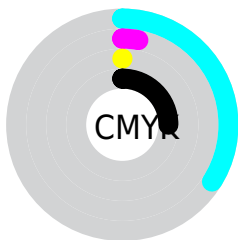
Blue (75%)



Red (50%)

Yellow (62%)

Blue (75%)

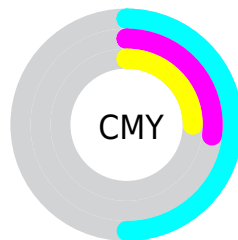


Cyan (34%)

Magenta (3%)

Yellow (0%)

Black (25%)



Cyan (50%)

Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.3420, 11.1704, -36.2569 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 168.3420, 11.1704, -36.2569 by changing the saturation by 10% instead.

■ 168.3420, 11.1704,
-36.2569

■ 168.3420, 11.1704,
-36.2569

255.0000, 0.0000,
0.0000

■ 141.3420, 11.1704,
-36.2569

■ 224.0430, 11.3178,
-36.8717

■ 115.3420, 11.1704,
-36.2569

■ 241.5450, 6.6333,
-27.6650

■ 89.3420, 11.1704,
-36.2569

■ 250.2160, 2.3585,
-9.8364

■ 63.5480, 12.0548,
-39.9456

■ 42.0430, 11.3178,
-36.8717

■ 26.6210, 8.0748,
-23.3466

■ 9.5520, 6.1369,

-8.3771

■ 0.0000, 0.0000,
0.0000

■ 168.3420, 11.1704,
-36.2569

■ 168.3420, 11.1704,
-36.2569

■ 161.4870, 14.5499,
-46.9081

■ 175.1970, 7.7909,
-25.6058

■ 154.6320, 17.9294,
-57.5593

■ 182.0520, 4.4114,
-14.9546

■ 148.3640, 21.0195,
-68.7252

■ 188.3200, 1.3212,
-3.7886

■ 141.5090, 24.3991,
-79.3764

■ 195.1750, -2.0583,
6.8625

■ 134.6540, 27.7786,
-90.0276

■ 202.3290, -5.5852,
18.1285

■ 127.5000, 31.3055,
-101.2935

■ 209.1840, -8.9647,
28.7796

■ 123.3250, 33.3638,
-108.1560

■ 214.2450,
-11.4598, 35.7421

■ 214.8320,
-11.7492, 35.2273

■ 216.0060,
-12.3280, 34.1977

Harmonies

Analogous

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



168.3830, 2.2762, -30.1539



168.3420, 11.1704, -36.2569



170.2700, 17.1219, -31.8088

Triad

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



168.3420, 11.1704, -36.2569



178.4610, 7.6607, 16.2587



174.9080, -17.2096, 13.2357

Complementary

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



168.3420, 11.1704, -36.2569



149.6580, -11.1704, 36.2569

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.



176.5550, -15.0636, 24.9463



168.3420, 11.1704, -36.2569



178.6490, -0.8130, 27.4948

Square

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



168.3420, 11.1704, -36.2569



176.7840, 14.4035, 0.1894



177.8960, -8.8227, 29.9092



172.6180, -14.1087, -1.4190

Rectangle

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



168.3420, 11.1704, -36.2569



172.5530, 17.9684, -23.2870



177.8960, -8.8227, 29.9092



175.6420, -17.0785, 17.8540

Sweetspot

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



168.3420, 11.1704, -36.2569



238.6500, 4.1166, -13.7250



165.1380, -16.3370, -33.4470



119.9280, 2.5005, -8.7069



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



168.3420, 11.1704, -36.2569



212.1160, 17.1978, -56.2297



150.1450, 20.1415, -20.2982



90.7220, 1.6161, -5.0182



101.9530, 27.6312, -89.4128



19.9700, 5.4378, -17.5137

Inverse Universe

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



152.7480, 15.9002, 33.5470



187.8610, 24.7185, 51.8649



167.8550, -20.1415, 20.2982



88.6030, 2.1677, 4.7332



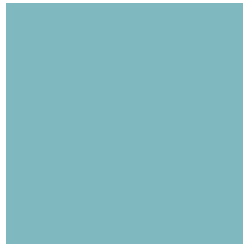
63.5440, 39.1718, 82.8379



12.4610, 7.6607, 16.2587

Previews

White Background



This preview shows how the YUV color 168.3420, 11.1704, -36.2569 looks on a white background.

Color Contrast Check

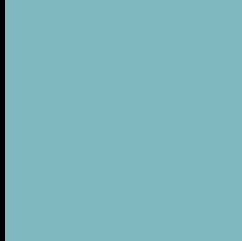
Large Text (above 18pt) WCAG AA × Fail

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 168.3420, 11.1704, -36.2569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

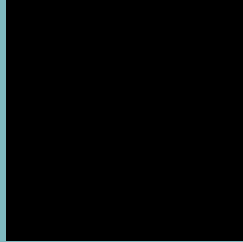
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.3420, 11.1704, -36.2569

Background



This preview shows how black text looks on a background with the YUV color 168.3420, 11.1704, -36.2569.



This preview shows how white text looks on a background with the YUV color 168.3420, 11.1704,

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

168.3420, 11.1704, -36.2569

Protanopia

174.8520, 4.5100, 0.1298

Deuteranopia

176.3240, 8.7143, 4.9779



Tritanopia

169.2650, 14.6594, -35.3124

Trichromacy



Original Color

168.3420, 11.1704, -36.2569

Protanomaly

172.4590, 7.1687, -12.6805

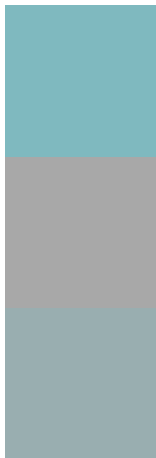
Deuteranomaly

173.1650, 9.7787, -9.7917

Tritanomaly

168.6240, 13.4964, -35.6272

Monochromacy



Original Color

168.3420, 11.1704, -36.2569

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.9490, 3.9691, -13.1103

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.3420, 11.1704, -36.2569 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(127, 185, 191)` looks like.

```
.text, #text, p{  
    color:rgb(127, 185, 191)  
}
```

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(127, 185, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 185, 191) }
```

Border

The CSS property to change the border of an element to YUV 168.3420, 11.1704, -36.2569 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(127, 185, 191) }
```


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

```
.border{ border-color:rgb(127, 185, 191) }
```

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

Here you see how a box with a 4 pixel rgb(127, 185, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 185, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 185, 191);  
box-shadow:4px 4px 4px 4px rgb(127, 185,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 168.3420, 11.1704, -36.2569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 185, 191) }
```

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

```
.background{ background-color: rgb(127,  
185, 191) }
```

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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