

Converting Colors

YUV(104.2720, 13.6699,
-91.4465)

Have a look what the booklet for
YUV(104.2720, 13.6699, -91.4465)
contains.

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Color

**YUV(104.2720, 13.6699,
-91.4465)**

Conversions

Conversions Part 1

Format	Color
Hex	009884
RGB	0, 152, 132
RGB Percent	0%, 60%, 52%
CMY	1.0000, 0.4039, 0.4824
CMYK	1.00, 0.00, 0.13, 0.40
HSL	172°, 100%, 30%
HSV	172°, 100%, 60%
XYZ	15.3931, 24.1224, 25.6746
YIQ	104.2720, -84.1720, -38.4440

Conversions

Conversions Part 2

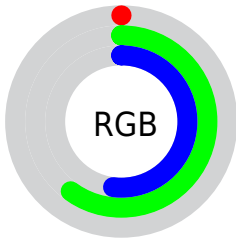
Format	Color
RYB	0, 81, 152
Decimal	39044
CIELab	56.21, -38.71, 0.94
CIELCh	56, 38.721, 178.608
Yxy	24.1224, 0.2361, 0.3700
Android (android.graphics.Color)	4278229124 (0xFF009884)
YUV	104.2720, 13.6699, -91.4465
Hunter-Lab	49.1146, -30.0065, 3.3864

Details

The YUV color **104.2720, 13.6699, -91.4465** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **47.7280, -13.6699, 91.4465**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9110, 7.9319, -70.9589**, and **68.1620, 7.3151, -59.7781** is the 20% darker color. If you saturate the color by 10%, you get **104.2720, 13.6699, -91.4465**, and if you desaturate by 10%, it is **108.9850, 12.3324, -82.4248**.

Distribution



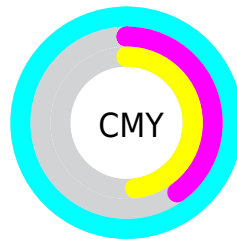
- Red (0%)
- Green (60%)
- Blue (52%)



- Red (0%)
- Yellow (32%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.2720, 13.6699, -91.4465 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 104.2720, 13.6699, -91.4465 by changing the saturation by 10% instead.

■ 104.2720, 13.6699,
-91.4465

■ 104.2720, 13.6699,
-91.4465

■ 255.0000, 0.0000,
0.0000

■ 86.1600, 10.2741,
-75.5623

■ 168.9110, 7.9319,
-70.9589

■ 68.1620, 7.3151,
-59.7781

■ 198.0960, 7.3477,
-70.2442

■ 50.8650, 4.5036,
-44.6086

■ 221.4110, 9.6574,
-64.3814

■ 34.2690, 1.8394,
-30.0539

■ 231.6780, 11.4977,
-47.9526

■ 19.5480, -1.2562,
-17.1436

■ 240.6480, 7.0755,
-29.5093

■ 0.0000, 0.0000,
0.0000

■ 249.6180, 2.6533,

-11.0660

■ 104.2720, 13.6699,
-91.4465

■ 108.9850, 12.3324,
-82.4248

■ 113.6980, 10.9949,
-73.4031

■ 118.7100, 9.5100,
-63.7667

■ 123.4230, 8.1725,
-54.7450

■ 128.1360, 6.8350,
-45.7233

■ 132.8490, 5.4974,
-36.7016

■ 137.5620, 4.1599,
-27.6799

■ 142.5740, 2.6750,
-18.0434

■ 147.2870, 1.3375,
-9.0217

Harmonies

Analogous

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



122.8540, -12.2530, -36.7060



104.2720, 13.6699, -91.4465



108.1480, 28.5210, -94.8458

Triad

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



104.2720, 13.6699, -91.4465



137.0300, 28.0862, -1.7803



134.0490, -27.6322, 42.9300

Complementary

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



104.2720, 13.6699, -91.4465



47.7280, -13.6699, 91.4465

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.



135.6280, -15.5926, 54.7002



104.2720, 13.6699, -91.4465



138.6230, 15.4689, 31.9026

Square

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



104.2720, 13.6699, -91.4465



127.0460, 36.9523, -45.6443



137.1450, 0.4215, 51.6158



131.9510, -32.5138, 21.9680

Rectangle

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



104.2720, 13.6699, -91.4465



108.4390, 37.2516, -95.1010



137.1450, 0.4215, 51.6158



134.7060, -24.0121, 48.4928

Sweetspot

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



104.2720, 13.6699, -91.4465



177.5610, 5.6394, -35.5720



95.2040, -46.9356, -65.9539



88.0790, 3.4121, -21.1173



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



104.2720, 13.6699, -91.4465



134.5460, 17.9718, -117.9968



73.6800, 38.6118, -64.6174



74.3800, 0.3057, -4.7183



96.0880, 12.7746, -84.2692



8.8850, 1.0427, -7.7921

Inverse Universe

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



47.7280, -13.6699, 91.4465



61.5680, -17.5350, 117.8969



78.3200, -38.6118, 64.6174



71.5060, -0.7425, 4.8182



43.9120, -12.7746, 84.2692



4.1150, -1.0427, 7.7921

Previews

White Background



This preview shows how the YUV color 104.2720, 13.6699, -91.4465 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 104.2720, 13.6699, -91.4465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

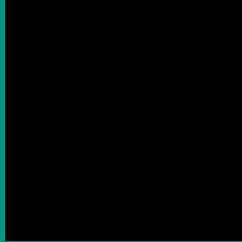
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 104.2720, 13.6699, -91.4465

Background



This preview shows how black text looks on a background with the YUV color 104.2720, 13.6699, -91.4465.



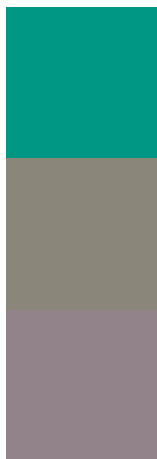
This preview shows how white text looks on a background with the YUV color 104.2720, 13.6699, -91.4465.

-91.4465.

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

104.2720, 13.6699, -91.4465

Protanopia

134.1270, -5.9786, 4.2736

Deuteranopia

135.5820, 0.6991, 9.1366



Tritanopia

117.3750, 21.0141, -66.9809

Trichromacy



Original Color

104.2720, 13.6699, -91.4465

Protanomaly

123.4430, 1.2606, -31.0835

Deuteranomaly

124.2030, 5.3229, -27.3650

Tritanomaly

112.3370, 18.5679, -75.7175

Monochromacy



Original Color

104.2720, 13.6699, -91.4465

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.7570, 5.0498, -33.1129

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.2720, 13.6699, -91.4465 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(0, 152, 132)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 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(0, 152, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 132) }
```

Border

The CSS property to change the border of an element to YUV 104.2720, 13.6699, -91.4465 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(0, 152, 132) }
```


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

```
.border{ border-color:rgb(0, 152, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 152, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 132);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 104.2720, 13.6699, -91.4465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 132) }
```

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

```
.background{ background-color: rgb(0, 152,  
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](#).

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