

Converting Colors

YUV(104.9050, 23.7108,
-92.0017)

Have a look what the booklet for
YUV(104.9050, 23.7108, -92.0017)
contains.

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Color

**YUV(104.9050, 23.7108,
-92.0017)**

Conversions

Conversions Part 1

Format	Color
Hex	009599
RGB	0, 149, 153
RGB Percent	0%, 58%, 60%
CMY	1.0000, 0.4157, 0.4000
CMYK	1.00, 0.03, 0.00, 0.40
HSL	182°, 100%, 30%
HSV	182°, 100%, 60%
XYZ	16.4972, 23.7948, 33.8604
YIQ	104.9050, -90.0880, -30.3440

Conversions

Conversions Part 2

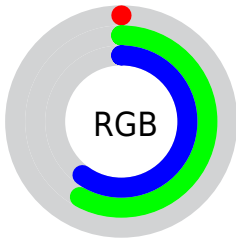
Format	Color
RYB	0, 75, 153
Decimal	38297
CIELab	55.88, -30.93, -11.57
CIELCh	56, 33.019, 200.505
Yxy	23.7948, 0.2225, 0.3209
Android (android.graphics.Color)	4278228377 (0xFF009599)
YUV	104.9050, 23.7108, -92.0017
Hunter-Lab	48.7799, -24.9967, -7.0099

Details

The YUV color **104.9050, 23.7108, -92.0017** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **48.0950, -23.7108, 92.0017**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2560, 18.1148, -70.3845**, and **69.1540, 16.1931, -60.6481** is the 20% darker color. If you saturate the color by 10%, you get **104.9050, 23.7108, -92.0017**, and if you desaturate by 10%, it is **109.3900, 21.4997, -82.7800**.

Distribution



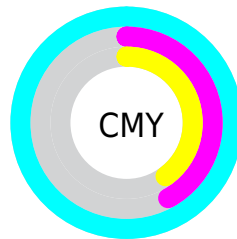
- Red (0%)
- Green (58%)
- Blue (60%)



- Red (0%)
- Yellow (29%)
- Blue (60%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.9050, 23.7108, -92.0017 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 104.9050, 23.7108, -92.0017 by changing the saturation by 10% instead.

■ 104.9050, 23.7108,
-92.0017

■ 104.9050, 23.7108,
-92.0017

■ 255.0000, 0.0000,
0.0000

■ 86.6790, 19.8783,
-76.0175

■ 170.2560, 18.1148,
-70.3845

■ 69.1540, 16.1931,
-60.6481

■ 198.8540, 17.8200,
-69.1550

■ 51.7430, 12.9447,
-45.3786

■ 223.6050, 15.4777,
-64.5516

■ 35.6200, 9.5543,
-31.2387

■ 232.5750, 11.0555,
-46.1083

■ 21.4860, 6.1694,
-18.8432

■ 241.5450, 6.6333,
-27.6650

■ 1.2540, 4.8048,
-1.0998

■ 250.5150, 2.2111,

■ 0.0000, 0.0000,

-9.2217

0.0000

■ 104.9050, 23.7108,
-92.0017

■ 109.3900, 21.4997,
-82.7800

■ 114.7610, 18.8518,
-73.4584

■ 119.2460, 16.6407,
-64.2367

■ 124.3180, 14.1402,
-55.5299

■ 129.1020, 11.7817,
-45.6935

■ 133.5870, 9.5706,
-36.4718

■ 138.6590, 7.0701,
-27.7649

■ 143.1440, 4.8590,
-18.5433

■ 148.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



119.7240, 1.6151, -51.5009



104.9050, 23.7108, -92.0017



107.3750, 34.3251, -89.7829

Triad

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



104.9050, 23.7108, -92.0017



137.4860, 16.5224, 20.6218



132.6400, -27.4305, 24.8717

Complementary

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



104.9050, 23.7108, -92.0017



48.0950, -23.7108, 92.0017

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.



134.3460, -21.3696, 40.9156



104.9050, 23.7108, -92.0017



136.8770, 3.5116, 40.4499

Square

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



104.9050, 23.7108, -92.0017



134.7040, 25.7819, -9.3874



135.6640, -10.1874, 47.6527



129.7790, -25.0340, 2.8248

Rectangle

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



104.9050, 23.7108, -92.0017



121.1170, 32.4803, -57.9846



135.6640, -10.1874, 47.6527



133.3140, -26.2838, 30.4196

Sweetspot

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



104.9050, 23.7108, -92.0017



179.8860, 9.4232, -35.8570



90.1530, -42.9664, -79.0642



88.5350, 5.1592, -21.5172



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.



104.9050, 23.7108, -92.0017



136.5640, 30.7809, -119.7666



60.8800, 45.4152, -53.3918



74.0210, 1.4686, -4.4034



96.3790, 21.5052, -84.5244



8.5260, 2.2057, -7.4773

Inverse Universe

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



62.7330, 42.5296, 79.1642



81.6170, 55.4048, 102.9449



92.1200, -45.4152, 53.3918



72.1900, 1.8783, 4.2184



57.4780, 39.2043, 72.3718



5.2550, 3.3253, 6.7924

Previews

White Background



This preview shows how the YUV color 104.9050, 23.7108, -92.0017 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 104.9050, 23.7108, -92.0017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

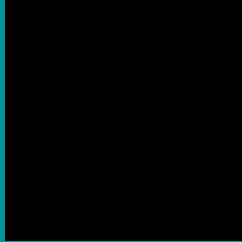
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 104.9050, 23.7108, -92.0017

Background



This preview shows how black text looks on a background with the YUV color 104.9050, 23.7108, -92.0017.



This preview shows how white text looks on a background with the YUV color 104.9050, 23.7108, -92.0017.

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



Protanopia

133.5530, 4.6574, -0.4850

Deuteranopia

134.5730, 11.0565, 0.3745

Tritanopia

111.9930, 23.6675, -78.0469

Trichromacy



Protanomaly

123.1790, 11.7438, -33.4830

Deuteranomaly

123.9170, 15.8169, -33.2532

Tritanomaly

109.2590, 23.5363, -82.6651

Monochromacy



Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9680, 8.3968, -33.2979

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.9050, 23.7108, -92.0017 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, 149, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 149, 153)  
}
```

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, 149, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 149, 153) }
```

Border

The CSS property to change the border of an element to YUV 104.9050, 23.7108, -92.0017 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, 149, 153) }
```

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

```
.border{ border-color:rgb(0, 149, 153) }
```

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

Here you see how a box with a 4 pixel rgb(0, 149, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 149, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 149, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 149,  
153) }
```


Background

The CSS property to change the background color of an element to YUV 104.9050, 23.7108, -92.0017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 149, 153) }
```

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

```
.background{ background-color: rgb(0, 149,  
153) }
```

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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