

Converting Colors

YUV(99.9080, 9.4124, -32.3683)

Have a look what the booklet for
YUV(99.9080, 9.4124, -32.3683)
contains.

YUV(99.9080, 9.4124, -32.3683)	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(99.9080, 9.4124,
-32.3683)**

Conversions

Conversions Part 1

Format	Color
Hex	3F7377
RGB	63, 115, 119
RGB Percent	25%, 45%, 47%
CMY	0.7529, 0.5490, 0.5333
CMYK	0.47, 0.03, 0.00, 0.53
HSL	184°, 31%, 36%
HSV	184°, 47%, 47%
XYZ	11.5104, 14.6501, 19.6739
YIQ	99.9080, -32.2760, -9.7800

Conversions

Conversions Part 2

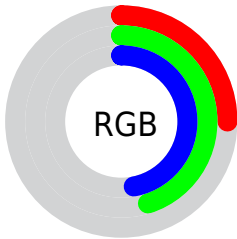
Format	Color
RYB	63, 90, 119
Decimal	4158327
CIELab	45.15, -16.21, -7.63
CIElCh	45, 17.917, 205.222
Yxy	14.6501, 0.2511, 0.3196
Android (android.graphics.Color)	4282348407 (0xFF3F7377)
YUV	99.9080, 9.4124, -32.3683
Hunter-Lab	38.2755, -13.3027, -3.6826

Details

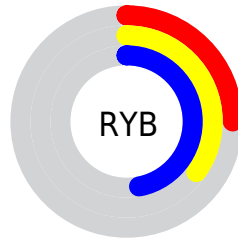
The YUV color **99.9080, 9.4124, -32.3683** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **82.0920, -9.4124, 32.3683**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.9080, 9.4124, -32.3683**, and **48.9180, 10.8864, -38.5161** is the 20% darker color. If you saturate the color by 10%, you get **95.7330, 11.4706, -39.2308**, and if you desaturate by 10%, it is **104.0830, 7.3541, -25.5058**.

Distribution



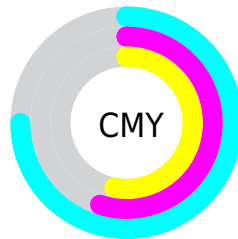
- Red (25%)
- Green (45%)
- Blue (47%)



- Red (25%)
- Yellow (35%)
- Blue (47%)



- Cyan (47%)
- Magenta (3%)
- Yellow (0%)
- Black (53%)



- Cyan (75%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.9080, 9.4124, -32.3683 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 99.9080, 9.4124, -32.3683 by changing the saturation by 10% instead.

■ 99.9080, 9.4124,
-32.3683

■ 99.9080, 9.4124,
-32.3683

255.0000, 0.0000,
0.0000

■ 74.6090, 9.5598,
-32.9831

■ 151.9080, 9.4124,
-32.3683

■ 48.9180, 10.8864,
-38.5161

■ 178.6090, 9.5598,
-32.9831

■ 31.3000, 8.2331,
-27.4501

■ 206.6090, 9.5598,
-32.9831

■ 17.7530, 4.5588,
-15.5694

■ 235.0110, 9.8546,
-34.2126

■ 0.0000, 0.0000,
0.0000

■ 246.0300, 4.4222,
-18.4433

254.7010, 0.1474,

-0.6148

■ 99.9080, 9.4124,
-32.3683

■ 99.9080, 9.4124,
-32.3683

■ 95.7330, 11.4706,
-39.2308

■ 104.0830, 7.3541,
-25.5058

■ 91.5580, 13.5289,
-46.0934

■ 108.2580, 5.2958,
-18.6433

■ 87.3830, 15.5872,
-52.9559

■ 112.4330, 3.2375,
-11.7807

■ 83.7950, 17.3561,
-60.3332

■ 116.0210, 1.4686,
-4.4034

■ 79.9190, 19.2669,
-66.5810

■ 120.1960, -0.5896,
2.4591

■ 78.7230, 19.8566,
-69.0401

■ 124.0720, -2.5005,
8.7069

■ 128.2470, -4.5588,
15.5694

■ 132.4220, -6.6170,
22.4319

■ 136.5970, -8.6753,
29.2944

Harmonies

Analogous

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



100.8890, 1.5337, -25.3357



99.9080, 9.4124, -32.3683



101.5970, 14.4957, -29.4646

Triad

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



99.9080, 9.4124, -32.3683



109.3250, 7.2348, 12.8700



106.2930, -14.4414, 12.0210

Complementary

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



99.9080, 9.4124, -32.3683



82.0920, -9.4124, 32.3683

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.



107.6300, -12.1426, 21.3725



99.9080, 9.4124, -32.3683



109.2570, 0.3663, 22.5766

Square

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



99.9080, 9.4124, -32.3683



108.0180, 12.8091, -1.7698



108.7320, -6.7699, 24.7910



104.7860, -12.2195, -0.6893

Rectangle

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



99.9080, 9.4124, -32.3683



103.5810, 15.4896, -21.5575



108.7320, -6.7699, 24.7910



106.7280, -14.1629, 16.0245

Sweetspot

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



99.9080, 9.4124, -32.3683



148.2480, 3.8217, -12.4955



96.3280, -14.4587, -29.2287



74.5260, 2.2057, -7.4773



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



99.9080, 9.4124, -32.3683



125.5790, 14.9976, -50.4968



83.4720, 17.5153, -17.9539



56.6190, 1.1738, -3.1739



80.8260, 20.2988, -70.8844



164.6840, 42.0608, -144.4279

Inverse Universe

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



85.6720, 14.4587, 29.2287



103.5460, 22.4088, 46.0022



98.5280, -17.5153, 17.9539



55.3640, 1.2995, 3.1888



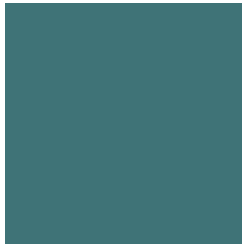
49.4740, 31.8113, 63.6053



101.1980, 64.4854, 130.4994

Previews

White Background



This preview shows how the YUV color 99.9080, 9.4124, -32.3683 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 99.9080, 9.4124, -32.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

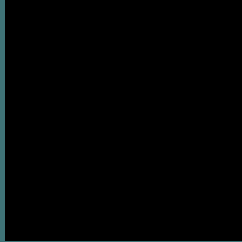
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.9080, 9.4124, -32.3683

Background



This preview shows how black text looks on a background with the YUV color 99.9080, 9.4124, -32.3683.



This preview shows how white text looks on a background with the YUV color 99.9080, 9.4124, -32.3683.

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

99.9080, 9.4124, -32.3683

Protanopia

106.7980, 3.0576, -0.6998

Deuteranopia

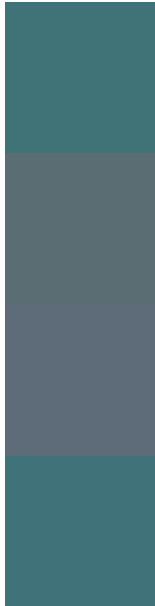
107.7320, 6.5411, 1.9890



Tritanopia

100.1900, 11.7383, -31.7386

Trichromacy



Original Color

99.9080, 9.4124, -32.3683

Protanomaly

104.0030, 5.4215, -12.2806

Deuteranomaly

104.8830, 7.4527, -10.4214

Tritanomaly

99.9620, 10.8647, -31.5387

Monochromacy



Original Color

99.9080, 9.4124, -32.3683

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.8460, 3.5269, -11.2659

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.9080, 9.4124, -32.3683 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(63, 115, 119)` looks like.

```
.text, #text, p{  
    color:rgb(63, 115, 119)  
}
```

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(63, 115, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 115, 119) }
```

Border

The CSS property to change the border of an element to YUV 99.9080, 9.4124, -32.3683 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(63, 115, 119) }
```


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

```
.border{ border-color:rgb(63, 115, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 115, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 115, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 115, 119);  
box-shadow:4px 4px 4px 4px rgb(63, 115,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 99.9080, 9.4124, -32.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 115, 119) }
```

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

```
.background{ background-color: rgb(63, 115,  
119) }
```

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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