

Converting Colors

YUV(99.8620, -0.9180, -32.3280)

Have a look what the booklet for
YUV(99.8620, -0.9180, -32.3280)
contains.

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Color

**YUV(99.8620, -0.9180,
-32.3280)**

Conversions

Conversions Part 1

Format	Color
Hex	3F7762
RGB	63, 119, 98
RGB Percent	25%, 47%, 38%
CMY	0.7529, 0.5333, 0.6157
CMYK	0.47, 0.00, 0.18, 0.53
HSL	158°, 31%, 36%
HSV	158°, 47%, 47%
XYZ	10.8513, 15.1323, 13.9042
YIQ	99.8620, -26.6350, -18.4030

Conversions

Conversions Part 2

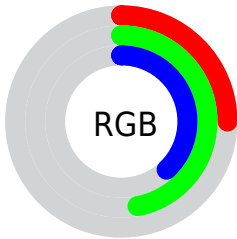
Format	Color
RYB	63, 97, 119
Decimal	4159330
CIELab	45.81, -23.88, 5.86
CIELCh	46, 24.593, 166.208
Yxy	15.1323, 0.2720, 0.3794
Android (android.graphics.Color)	4282349410 (0xFF3F7762)
YUV	99.8620, -0.9180, -32.3280
Hunter-Lab	38.9002, -18.2822, 6.0380

Details

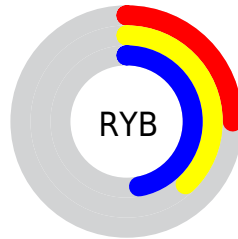
The YUV color $99.8620, -0.9180, -32.3280$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $82.1380, 0.9180, 32.3280$, and the grayscale version is $100.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $152.0360, -1.4967, -33.3576$, and $49.4100, 1.2769, -36.3166$ is the 20% darker color. If you saturate the color by 10%, you get $95.8180, -0.8963, -39.3054$, and if you desaturate by 10%, it is $103.9060, -0.9397, -25.3506$.

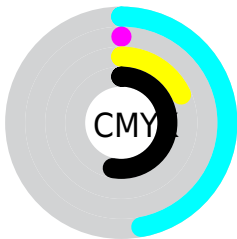
Distribution



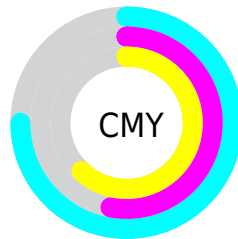
- Red (25%)
- Green (47%)
- Blue (38%)



- Red (25%)
- Yellow (38%)
- Blue (47%)



- Cyan (47%)
- Magenta (0%)
- Yellow (18%)
- Black (53%)



- Cyan (75%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.8620, -0.9180, -32.3280 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 99.8620, -0.9180, -32.3280 by changing the saturation by 10% instead.

■ 99.8620, -0.9180,
-32.3280

■ 99.8620, -0.9180,
-32.3280

255.0000, 0.0000,
0.0000

■ 74.9760, -0.4812,
-32.4280

■ 152.0360, -1.4967,
-33.3576

■ 49.4100, 1.2769,
-36.3166

■ 178.9220, -1.9335,
-33.2576

■ 31.0090, -0.4974,
-27.1949

■ 206.6230, -1.7861,
-33.8724

■ 17.1200, -5.4822,
-15.0142

■ 234.3240, -1.6387,
-34.4871

■ 0.0000, 0.0000,
0.0000

■ 245.7310, 4.5696,
-19.0581

254.4020, 0.2948,

-1.2296

■ 99.8620, -0.9180,
-32.3280

■ 99.8620, -0.9180,
-32.3280

■ 95.8180, -0.8963,
-39.3054

■ 103.9060, -0.9397,
-25.3506

■ 91.6600, -1.3114,
-46.1828

■ 108.0640, -0.5246,
-18.4731

■ 87.6160, -1.2897,
-53.1602

■ 112.1080, -0.5462,
-11.4957

■ 83.4580, -1.7048,
-60.0377

■ 116.2660, -0.1311,
-4.6183

■ 79.7130, -1.8305,
-66.4003

■ 120.3100, -0.1528,
2.3591

■ 78.2890, -2.1145,
-68.6595

■ 124.1690, 0.4097,
8.6218

■ 128.2130, 0.3880,
15.5992

■ 132.3710, 0.8031,
22.4766

■ 136.4150, 0.7814,
29.4540

Harmonies

Analogous

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



103.4100, -12.0341, -13.5146



99.8620, -0.9180, -32.3280



95.9660, 11.3558, -49.0822

Triad

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



99.8620, -0.9180, -32.3280



108.6840, 19.3828, -10.2469



109.4140, -14.5011, 31.2089

Complementary

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



99.8620, -0.9180, -32.3280



82.1380, 0.9180, 32.3280

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.



110.3140, -6.0708, 33.9276



99.8620, -0.9180, -32.3280



111.1060, 12.7657, 12.1850

Square

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



99.8620, -0.9180, -32.3280



102.6380, 22.3635, -33.0085



111.5010, 3.6970, 27.6246



108.0830, -19.2679, 20.0982

Rectangle

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



99.8620, -0.9180, -32.3280



95.0670, 18.2080, -53.5558



111.5010, 3.6970, 27.6246



109.4080, -12.0331, 32.9682

Sweetspot

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



99.8620, -0.9180, -32.3280



148.3960, -0.6882, -12.6253



102.1510, -19.3014, -15.9184



74.5430, -0.2677, -7.4922



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.



99.8620, -0.9180, -32.3280



125.9260, -1.4425, -50.8011



98.1470, 10.2805, -30.8239



56.8640, -0.4260, -3.3887



80.3920, -1.6723, -70.5038



164.5340, -4.2073, -144.2963

Inverse Universe

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



82.1380, 0.9180, 32.3280



98.0740, 1.4425, 50.8011



83.8530, -10.2805, 30.8239



55.0220, -0.0108, 3.4887



41.7220, 2.1091, 70.4038



85.4660, 4.2073, 144.2963

Previews

White Background



This preview shows how the YUV color 99.8620, -0.9180, -32.3280 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 99.8620, -0.9180, -32.3280 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 99.8620, -0.9180, -32.3280

Background



This preview shows how black text looks on a background with the YUV color 99.8620, -0.9180, -32.3280.



This preview shows how white text looks on a background with the YUV color 99.8620, -0.9180,

-32.3280.

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

99.8620, -0.9180, -32.3280

Protanopia

107.6710, -7.7258, 4.6735

Deuteranopia

108.7410, -3.8163, 10.7511



Tritanopia

102.6850, 11.0013, -28.6647

Trichromacy



Original Color

99.8620, -0.9180, -32.3280

Protanomaly

104.8650, -5.3564, -8.6516

Deuteranomaly

105.2830, -2.6045, -4.6332

Tritanomaly

101.2350, 6.7861, -30.0241

Monochromacy



Original Color

99.8620, -0.9180, -32.3280

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.1080, -0.5462, -11.4957

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.8620, -0.9180, -32.3280 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, 119, 98)` looks like.

```
.text, #text, p{  
    color:rgb(63, 119, 98)  
}
```

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, 119, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 119, 98) }
```

Border

The CSS property to change the border of an element to YUV 99.8620, -0.9180, -32.3280 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, 119, 98) }
```


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

```
.border{ border-color:rgb(63, 119, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 119, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 119, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 119, 98);  
box-shadow:4px 4px 4px 4px rgb(63, 119,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 99.8620, -0.9180, -32.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 119, 98) }
```

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

```
.background{ background-color: rgb(63, 119,  
98) }
```

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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