

Converting Colors

YUV(92.1070, 0.9332, -19.3878)

Have a look what the booklet for
YUV(92.1070, 0.9332, -19.3878)
contains.

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Color

**YUV(92.1070, 0.9332,
-19.3878)**

Conversions

Conversions Part 1

Format	Color
Hex	46675E
RGB	70, 103, 94
RGB Percent	27%, 40%, 37%
CMY	0.7255, 0.5961, 0.6314
CMYK	0.32, 0.00, 0.09, 0.60
HSL	164°, 19%, 34%
HSV	164°, 32%, 40%
XYZ	9.3964, 11.8107, 12.3741
YIQ	92.1070, -16.7790, -9.7950

Conversions

Conversions Part 2

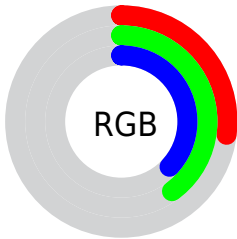
Format	Color
RYB	70, 89, 103
Decimal	4613982
CIELab	40.91, -14.12, 1.25
CIElCh	41, 14.178, 174.936
Yxy	11.8107, 0.2798, 0.3517
Android (android.graphics.Color)	4282804062 (0xFF46675E)
YUV	92.1070, 0.9332, -19.3878
Hunter-Lab	34.3668, -11.3371, 2.7087

Details

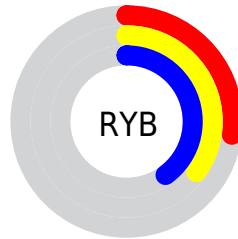
The YUV color $92.1070, 0.9332, -19.3878$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $80.8930, -0.9332, 19.3878$, and the grayscale version is $92.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $142.3950, 0.7913, -20.5174$, and $45.5200, 1.2226, -18.8730$ is the 20% darker color. If you saturate the color by 10%, you get $88.7750, 1.0969, -25.2357$, and if you desaturate by 10%, it is $95.4390, 0.7696, -13.5400$.

Distribution



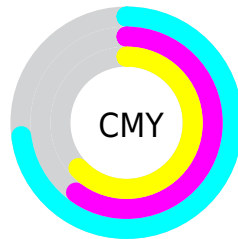
- Red (27%)
- Green (40%)
- Blue (37%)



- Red (27%)
- Yellow (35%)
- Blue (40%)



- Cyan (32%)
- Magenta (0%)
- Yellow (9%)
- Black (60%)



- Cyan (73%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.1070, 0.9332, -19.3878 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 92.1070, 0.9332, -19.3878 by changing the saturation by 10% instead.

■ 92.1070, 0.9332,
-19.3878

■ 92.1070, 0.9332,
-19.3878

■ 255.0000, 0.0000,
0.0000

■ 68.4060, 0.7858,
-18.7731

■ 142.3950, 0.7913,
-20.5174

■ 45.5200, 1.2226,
-18.8730

■ 169.0960, 0.9387,
-21.1322

■ 23.6340, 1.6594,
-18.9730

■ 196.6830, 0.6493,
-21.6470

■ 3.5220, -1.7363,
-3.0888

■ 224.6830, 0.6493,
-21.6470

■ 0.0000, 0.0000,
0.0000

■ 246.9270, 3.9800,
-16.5990

■ 92.1070, 0.9332,
-19.3878

■ 92.1070, 0.9332,
-19.3878

■ 88.7750, 1.0969,
-25.2357

■ 95.4390, 0.7696,
-13.5400

■ 85.1440, 1.4080,
-31.6983

■ 99.0700, 0.4585,
-7.0774

■ 81.9260, 2.0085,
-37.6461

■ 102.2880, -0.1420,
-1.1296

■ 78.5940, 2.1722,
-43.4939

■ 105.6200, -0.3057,
4.7183

■ 75.2620, 2.3358,
-49.3418

■ 109.2510, -0.6167,
11.1809

■ 71.6310, 2.6469,
-55.8044

■ 112.5830, -0.7804,
17.0287

■ 69.0110, 2.9526,
-60.5226

■ 115.9150, -0.9441,
22.8765

■ 119.1330, -1.5446,

28.8244

■ 122.7640, -1.8557,
35.2870

Harmonies

Analogous

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



93.8540, -5.3510, -10.3960



92.1070, 0.9332, -19.3878



91.6810, 7.0593, -24.2762

Triad

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



92.1070, 0.9332, -19.3878



97.2200, 9.7515, -1.0699



96.9930, -9.3635, 16.6691

Complementary

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



92.1070, 0.9332, -19.3878



80.8930, -0.9332, 19.3878

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.



98.0410, -5.4432, 19.2580



92.1070, 0.9332, -19.3878



98.2600, 5.7878, 10.2960

Square

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



92.1070, 0.9332, -19.3878



95.0120, 11.8261, -13.1655



98.2240, 0.3826, 17.3436



96.0800, -11.3784, 9.5768

Rectangle

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



92.1070, 0.9332, -19.3878



92.0770, 9.8220, -23.7465



98.2240, 0.3826, 17.3436



97.3460, -8.0586, 18.1136

Sweetspot

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



92.1070, 0.9332, -19.3878



130.6570, 0.1691, -7.5922



92.0620, -10.8766, -11.4554



66.3800, 0.3057, -4.7183



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



92.1070, 0.9332, -19.3878



118.1550, 1.4026, -29.9539



89.0240, 6.8902, -16.6840



49.3910, 0.3002, -2.9739



76.9670, 2.9743, -67.5001



162.1180, 6.8438, -142.1775

Inverse Universe

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



80.8930, -0.9332, 19.3878



100.8450, -1.4026, 29.9539



83.9760, -6.8902, 16.6840



47.6090, -0.3002, 2.9739



37.9190, -3.4111, 67.6000



79.8820, -6.8438, 142.1775

Previews

White Background



This preview shows how the YUV color 92.1070, 0.9332, -19.3878 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 92.1070, 0.9332, -19.3878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

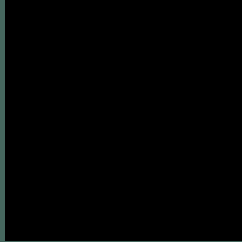
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.1070, 0.9332, -19.3878

Background



This preview shows how black text looks on a background with the YUV color 92.1070, 0.9332, -19.3878.



This preview shows how white text looks on a background with the YUV color 92.1070, 0.9332, -19.3878.

-19.3878.

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

92.1070, 0.9332, -19.3878

Protanopia

96.2130, -3.0630, 2.4442

Deuteranopia

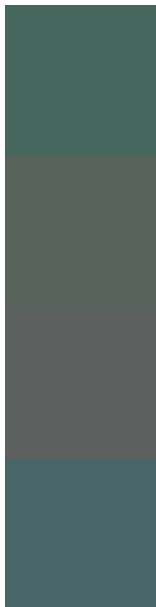
96.9300, -0.4585, 7.0774



Tritanopia

93.5400, 7.6218, -18.0136

Trichromacy



Original Color

92.1070, 0.9332, -19.3878

Protanomaly

94.7990, -1.8729, -5.9627

Deuteranomaly

95.2770, -0.1366, -2.8739

Tritanomaly

93.2580, 5.2958, -18.6433

Monochromacy



Original Color

92.1070, 0.9332, -19.3878

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.0700, 0.4585, -7.0774

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.1070, 0.9332, -19.3878 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(70, 103, 94)` looks like.

```
.text, #text, p{  
    color:rgb(70, 103, 94)  
}
```

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(70, 103, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 103, 94) }
```

Border

The CSS property to change the border of an element to YUV 92.1070, 0.9332, -19.3878 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(70, 103, 94) }
```


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

```
.border{ border-color:rgb(70, 103, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 103, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 103, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 103, 94);  
box-shadow:4px 4px 4px 4px rgb(70, 103,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 92.1070, 0.9332, -19.3878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 103, 94) }
```

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

```
.background{ background-color: rgb(70, 103,  
94) }
```

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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