

Converting Colors

YUV(95.9340, -17.2225,
-76.2411)

Have a look what the booklet for
YUV(95.9340, -17.2225, -76.2411)
contains.

YUV(95.9340, -17.2225, -76.2411)	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(95.9340, -17.2225,
-76.2411)**

Conversions

Conversions Part 1

Format	Color
Hex	09933D
RGB	9, 147, 61
RGB Percent	4%, 58%, 24%
CMY	0.9647, 0.4235, 0.7608
CMYK	0.94, 0.00, 0.59, 0.42
HSL	143°, 88%, 31%
HSV	143°, 94%, 58%
XYZ	11.3887, 21.2624, 7.9187
YIQ	95.9340, -54.6420, -56.0020

Conversions

Conversions Part 2

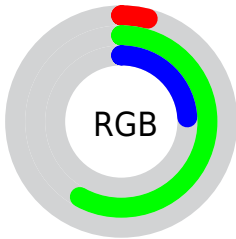
Format	Color
R_{YB}	9, 109, 147
Decimal	627517
CIE Lab	53.24, -51.93, 35.89
CIE LCh	53, 63.125, 145.351
Yxy	21.2624, 0.2807, 0.5241
Android (android.graphics.Color)	4278817597 (0xFF09933D)
YUV	95.9340, -17.2225, -76.2411
Hunter-Lab	46.1112, -36.6082, 22.0960

Details

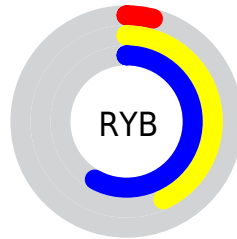
The YUV color **95.9340, -17.2225, -76.2411** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **60.0660, 17.2225, 76.2411**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.2410, -22.7968, -61.6014**, and **56.9050, -23.1242, -49.9057** is the 20% darker color. If you saturate the color by 10%, you get **92.5590, -18.5166, -81.1742**, and if you desaturate by 10%, it is **101.4450, -15.5024, -67.9193**.

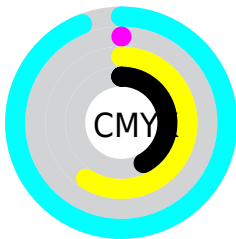
Distribution



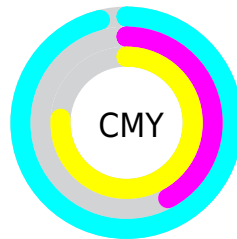
- Red (4%)
- Green (58%)
- Blue (24%)



- Red (4%)
- Yellow (43%)
- Blue (58%)



- Cyan (94%)
- Magenta (0%)
- Yellow (59%)
- Black (42%)



- Cyan (96%)
- Magenta (42%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.9340, -17.2225, -76.2411 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 95.9340, -17.2225, -76.2411 by changing the saturation by 10% instead.

■ 95.9340, -17.2225,
-76.2411

■ 95.9340, -17.2225,
-76.2411

■ 255.0000, 0.0000,
0.0000

■ 74.6580, -18.5654,
-65.4751

■ 157.2410,
-22.7968, -61.6014

■ 56.9050, -23.1242,
-49.9057

■ 186.1980,
-24.2546, -60.6866

■ 41.0900, -20.2574,
-36.0359

■ 212.0350,
-23.6813, -57.9127

■ 27.5890, -13.6014,
-24.1956

■ 223.7840,
-16.1625, -42.7836

■ 11.1530, -5.4984,
-9.7812

■ 235.7610, -7.7702,
-27.8544

■ 0.0000, 0.0000,
0.0000

■ 247.9230, 0.0380,

-12.2105

■ 95.9340, -17.2225,
-76.2411

■ 95.9340, -17.2225,
-76.2411

■ 92.5590, -18.5166,
-81.1742

■ 101.4450,
-15.5024, -67.9193

■ 106.6570,
-13.6349, -60.2122

■ 112.1680,
-11.9148, -51.8903

■ 117.7930, -9.7579,
-43.6685

■ 123.3040, -8.0379,
-35.3466

■ 128.5160, -6.1704,
-27.6395

■ 134.0270, -4.4503,
-19.3177

■ 139.5380, -2.7302,
-10.9958

■ 144.7500, -0.8628,
-3.2887

Harmonies

Analogous

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



113.2980, -55.8559, -4.6463



95.9340, -17.2225, -76.2411



101.9750, 7.4073, -89.4321

Triad

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



95.9340, -17.2225, -76.2411



106.7360, 63.7272, -93.6075



120.2670, -17.8796, 88.3428

Complementary

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



95.9340, -17.2225, -76.2411



60.0660, 17.2225, 76.2411

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.



122.8900, 7.4492, 84.2885



95.9340, -17.2225, -76.2411



126.1480, 49.2270, -15.9158

Square

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



95.9340, -17.2225, -76.2411



110.9130, 51.8079, -97.2707



129.5060, 29.8235, 47.7912



121.6040, -42.6958, 67.8763

Rectangle

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



95.9340, -17.2225, -76.2411



106.7800, 23.2795, -93.6461



129.5060, 29.8235, 47.7912



120.2810, -9.0125, 90.9616

Sweetspot

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



95.9340, -17.2225, -76.2411



171.3910, -6.6018, -29.2839



116.0190, -52.7604, -17.5567



84.7390, -4.3083, -18.1881



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



95.9340, -17.2225, -76.2411



120.3250, -23.8242, -105.5250



103.6860, 12.4798, -83.0396



71.3370, -1.1521, -3.8035



86.9340, -17.2225, -76.2411



6.3260, -1.1467, -5.5479

Inverse Universe

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



60.0660, 17.2225, 76.2411



70.6750, 23.8242, 105.5250



52.3140, -12.4798, 83.0396



69.5490, 0.7153, 3.9035



51.0660, 17.2225, 76.2411



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 95.9340, -17.2225, -76.2411 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 95.9340, -17.2225, -76.2411 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 95.9340, -17.2225, -76.2411

Background



This preview shows how black text looks on a background with the YUV color 95.9340, -17.2225, -76.2411.



This preview shows how white text looks on a background with the YUV color 95.9340, -17.2225, -76.2411.

-76.2411.

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

95.9340, -17.2225, -76.2411

Protanopia

122.6790, -33.3657, 15.1905

Deuteranopia

124.5370, -27.8727, 26.7161



Tritanopia

115.6330, 16.4499, -49.6671

Trichromacy



Original Color

95.9340, -17.2225, -76.2411



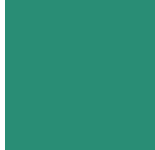
Protanomaly

112.6640, -27.4424, -18.1223



Deuteranomaly

114.2180, -24.2645, -10.7152



Tritanomaly

108.3640, 4.2575, -59.0782

Monochromacy



Original Color

95.9340, -17.2225, -76.2411



Achromatopsia

96.0000, 0.0000, 0.0000



Achromatomaly

96.1030, -6.4598, -28.1543

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.9340, -17.2225, -76.2411 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(9, 147, 61)` looks like.

```
.text, #text, p{  
    color:rgb(9, 147, 61)  
}
```

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(9, 147, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 147, 61) }
```

Border

The CSS property to change the border of an element to YUV 95.9340, -17.2225, -76.2411 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(9, 147, 61) }
```


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

```
.border{ border-color:rgb(9, 147, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 147, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 147, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 147, 61);  
box-shadow:4px 4px 4px 4px rgb(9, 147, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 95.9340, -17.2225, -76.2411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 147, 61) }
```

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

```
.background{ background-color: rgb(9, 147,  
61) }
```

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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