

Converting Colors

YUV(91.4710, 2.7258, 59.2229)

Have a look what the booklet for
YUV(91.4710, 2.7258, 59.2229)
contains.

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Color

**YUV(91.4710, 2.7258,
59.2229)**

Conversions

Conversions Part 1

Format	Color
Hex	9F3861
RGB	159, 56, 97
RGB Percent	62%, 22%, 38%
CMY	0.3765, 0.7804, 0.6196
CMYK	0.00, 0.65, 0.39, 0.38
HSL	336°, 48%, 42%
HSV	336°, 65%, 62%
XYZ	17.8699, 11.0623, 12.5027
YIQ	91.4710, 48.2270, 34.5870

Conversions

Conversions Part 2

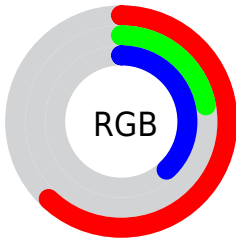
Format	Color
R_{YB}	159, 56, 97
Decimal	10434657
CIE Lab	39.69, 46.42, -1.20
CIE LCh	40, 46.431, 358.518
Yxy	11.0623, 0.4313, 0.2670
Android (android.graphics.Color)	4288624737 (0xFF9F3861)
YUV	91.4710, 2.7258, 59.2229
Hunter-Lab	33.2601, 37.6989, 0.9946

Details

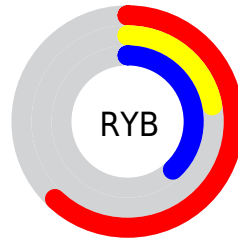
The YUV color **91.4710, 2.7258, 59.2229** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **123.5290, -2.7258, -59.2229**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.6240, 0.6784, 62.5968**, and **36.6110, 7.0938, 58.2232** is the 20% darker color. If you saturate the color by 10%, you get **80.9390, 2.9881, 68.4595**, and if you desaturate by 10%, it is **102.0030, 2.4635, 49.9864**.

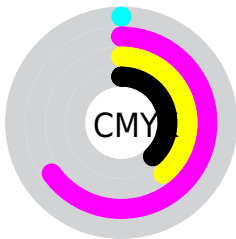
Distribution



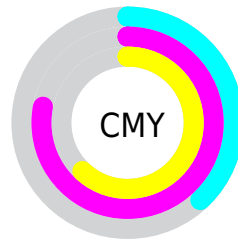
- Red (62%)
- Green (22%)
- Blue (38%)



- Red (62%)
- Yellow (22%)
- Blue (38%)



- Cyan (0%)
- Magenta (65%)
- Yellow (39%)
- Black (38%)





- Cyan (38%)
- Magenta (78%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YUV color 91.4710, 2.7258, 59.2229 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 91.4710, 2.7258, 59.2229 by changing the saturation by 10% instead.


 91.4710, 2.7258,
59.2229


 91.4710, 2.7258,
59.2229

255.0000, 0.0000,
0.0000


 63.9270, 4.4730,
58.8230


 145.6240, 0.6784,
62.5968


 36.6110, 7.0938,
58.2232


 173.5210, 0.2361,
64.4411


 26.1440, 1.9010,
43.7237

 194.8400, 3.0369,
52.7603

 16.6020, -6.2128,
32.7980

 214.4680, 7.1643,
35.5466

 1.4950, -0.7370,
3.0739

 234.4550, 10.1287,
18.0180

 0.0000, 0.0000,
0.0000

 251.4780, 1.7363,

3.0888

■ 91.4710, 2.7258,
59.2229

■ 91.4710, 2.7258,
59.2229

■ 80.9390, 2.9881,
68.4595

■ 102.0030, 2.4635,
49.9864

■ 70.5210, 3.6871,
77.5961

■ 112.4210, 1.7644,
40.8498

■ 59.9890, 3.9494,
86.8326

■ 122.9530, 1.5022,
31.6132

■ 54.7230, 4.0806,
91.4509

■ 133.3710, 0.8031,
22.4766

■ 143.9030, 0.5408,
13.2401

■ 153.7340, 0.1311,
4.6183

■ 164.2660, -0.1311,
-4.6183

■ 174.7980, -0.3934,
-13.8548

■ 185.2160, -1.0925,
-22.9914

Harmonies

Analogous

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



95.5680, 18.9470, 36.3359



91.4710, 2.7258, 59.2229



90.1880, -14.8827, 60.3481

Triad

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



91.4710, 2.7258, 59.2229



84.9490, -33.0059, -6.9713



80.8210, 38.0492, -70.8800

Complementary

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



91.4710, 2.7258, 59.2229



123.5290, -2.7258, -59.2229

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.



79.8630, 24.2245, -70.0399



91.4710, 2.7258, 59.2229



72.6130, -10.1622, -54.0346

Square

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



91.4710, 2.7258, 59.2229



87.8450, -41.8286, 22.9379



75.4170, 7.1894, -66.1407



77.3790, 45.1692, -67.8614

Rectangle

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



91.4710, 2.7258, 59.2229



90.7450, -26.4963, 51.9666



75.4170, 7.1894, -66.1407



81.0830, 33.9761, -71.1098

Sweetspot

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



91.4710, 2.7258, 59.2229



180.7840, 1.0925, 22.9914



86.2800, 35.8510, 27.8184



89.2020, 0.3934, 13.8548



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



91.4710, 2.7258, 59.2229



100.8480, 4.5119, 93.0953



92.6670, -18.0768, 58.1740



73.7340, 0.1311, 4.6183



49.2550, 3.8183, 82.2144



5.1690, 0.4097, 8.6218

Inverse Universe

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



91.4710, 2.7258, 59.2229



100.8480, 4.5119, 93.0953



122.3330, 18.0768, -58.1740



73.7340, 0.1311, 4.6183



49.2550, 3.8183, 82.2144



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 91.4710, 2.7258, 59.2229 looks on a white background.

Color Contrast Check

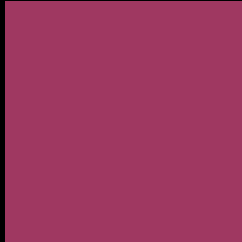
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.4710, 2.7258, 59.2229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

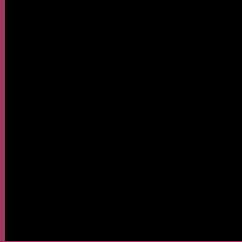
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.4710, 2.7258, 59.2229

Background



This preview shows how black text looks on a background with the YUV color 91.4710, 2.7258, 59.2229.



This preview shows how white text looks on a background with the YUV color 91.4710, 2.7258,

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

91.4710, 2.7258, 59.2229

Protanopia

94.5830, 12.5306, -5.7733

Deuteranopia

95.0010, -1.4795, 7.8921



Tritanopia

91.5620, -12.1091, 57.3891

Trichromacy



Original Color

91.4710, 2.7258, 59.2229

Protanomaly

93.8140, 8.9657, 17.7031

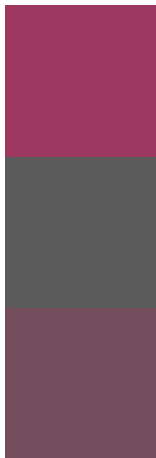
Deuteranomaly

93.5780, 0.2080, 26.6801

Tritanomaly

91.3540, -6.5835, 58.4485

Monochromacy



Original Color

91.4710, 2.7258, 59.2229

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.0720, 0.9505, 21.8619

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.4710, 2.7258, 59.2229 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(159, 56, 97)` looks like.

```
.text, #text, p{  
    color:rgb(159, 56, 97)  
}
```

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(159, 56, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 56, 97) }
```

Border

The CSS property to change the border of an element to YUV 91.4710, 2.7258, 59.2229 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(159, 56, 97) }
```


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

```
.border{ border-color:rgb(159, 56, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 56, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 56, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 56, 97);  
box-shadow:4px 4px 4px 4px rgb(159, 56,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 91.4710, 2.7258, 59.2229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 56, 97) }
```

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

```
.background{ background-color: rgb(159, 56,  
97) }
```

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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