

Converting Colors

YUV(58.9710, -12.3107,
75.4474)

Have a look what the booklet for
YUV(58.9710, -12.3107, 75.4474)
contains.

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Color

**YUV(58.9710, -12.3107,
75.4474)**

Conversions

Conversions Part 1

Format	Color
Hex	911422
RGB	145, 20, 34
RGB Percent	57%, 8%, 13%
CMY	0.4314, 0.9216, 0.8667
CMYK	0.00, 0.86, 0.77, 0.43
HSL	353°, 76%, 32%
HSV	353°, 86%, 57%
XYZ	12.2159, 6.6355, 2.1503
YIQ	58.9710, 70.0060, 30.8540

Conversions

Conversions Part 2

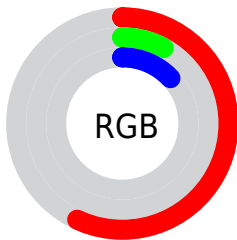
Format	Color
R_{YB}	145, 20, 34
Decimal	9507874
CIE _{Lab}	30.96, 49.90, 26.91
CIE _{LCh}	31, 56.697, 28.335
Yxy	6.6355, 0.5817, 0.3160
Android (android.graphics.Color)	4287697954 (0xFF911422)
YUV	58.9710, -12.3107, 75.4474
Hunter-Lab	25.7596, 39.5708, 13.0824

Details

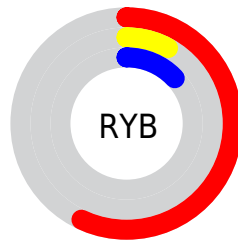
The YUV color **58.9710, -12.3107, 75.4474** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **106.0290, 12.3107, -75.4474**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5600, -19.0101, 77.5619**, and **25.7140, -12.6770, 52.8708** is the 20% darker color. If you saturate the color by 10%, you get **49.2710, -13.9376, 83.9543**, and if you desaturate by 10%, it is **69.2580, -10.9732, 66.4257**.

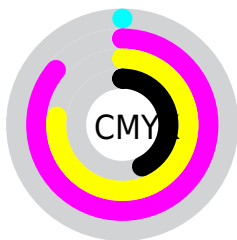
Distribution



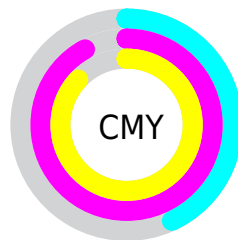
- Red (57%)
- Green (8%)
- Blue (13%)



- Red (57%)
- Yellow (8%)
- Blue (13%)



- Cyan (0%)
- Magenta (86%)
- Yellow (77%)
- Black (43%)



- Cyan (43%)
- Magenta (92%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.9710, -12.3107, 75.4474 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 58.9710, -12.3107, 75.4474 by changing the saturation by 10% instead.

■ 58.9710, -12.3107,
75.4474

■ 58.9710, -12.3107,
75.4474

255.0000, 0.0000,
0.0000

■ 35.8670, -11.2734,
69.3996

■ 116.5600,
-19.0101, 77.5619

■ 25.7140, -12.6770,
52.8708

■ 144.5280,
-20.4733, 80.2209

■ 17.8690, -7.8234,
36.0719

■ 168.9080,
-20.1676, 75.5027

■ 6.8770, -3.3904,
14.1399

■ 188.3080,
-16.9138, 58.4889

■ 0.0000, 0.0000,
0.0000

■ 207.7080,
-13.6600, 41.4751

■ 227.9230, -9.8220,

23.7465

■ 248.1380, -5.9840,
6.0180

■ 58.9710, -12.3107,
75.4474

■ 58.9710, -12.3107,
75.4474

■ 49.2710, -13.9376,
83.9543

■ 69.2580, -10.9732,
66.4257

■ 45.1790, -14.3852,
87.5430

■ 78.9580, -9.3463,
57.9188

■ 89.2450, -8.0088,
48.8971

■ 98.9450, -6.3819,
40.3902

■ 109.1180, -5.4812,
31.4685

■ 118.8180, -3.8543,
22.9616

■ 129.1050, -2.5168,
13.9399

■ 138.8050, -0.8899,
5.4330

■ 149.0920, 0.4476,
-3.5887

Harmonies

Analogous

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



52.4320, 12.1120, 82.0591



58.9710, -12.3107, 75.4474



66.7250, -32.8954, 51.1072

Triad

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



58.9710, -12.3107, 75.4474



54.0500, -16.2936, -47.4018



65.5420, 48.0468, -57.4803

Complementary

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



58.9710, -12.3107, 75.4474



106.0290, 12.3107, -75.4474

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.



68.6420, 39.6165, -60.1990



58.9710, -12.3107, 75.4474



61.2830, 3.8045, -53.7452

Square

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



58.9710, -12.3107, 75.4474



62.4860, -30.8056, -12.7042



66.4130, 23.4604, -58.2442



71.3630, 39.7540, -10.8424

Rectangle

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



58.9710, -12.3107, 75.4474



69.2510, -34.1407, 30.4749



66.4130, 23.4604, -58.2442



67.0750, 46.3050, -58.8248

Sweetspot

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



58.9710, -12.3107, 75.4474



155.2210, -5.0390, 29.6242



67.1400, 38.3850, 55.1282



74.0130, -2.9644, 17.5286



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



58.9710, -12.3107, 75.4474



58.9050, -18.6872, 114.0933



85.5510, -32.3166, 52.1368



66.2070, -0.5951, 4.2035



42.0750, -13.3480, 81.4952



2.5060, -0.7425, 4.8182

Inverse Universe

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



58.9710, -12.3107, 75.4474



58.9050, -18.6872, 114.0933



79.4490, 32.3166, -52.1368



66.2070, -0.5951, 4.2035



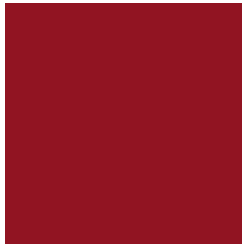
42.0750, -13.3480, 81.4952



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 58.9710, -12.3107, 75.4474 looks on a white background.

Color Contrast Check

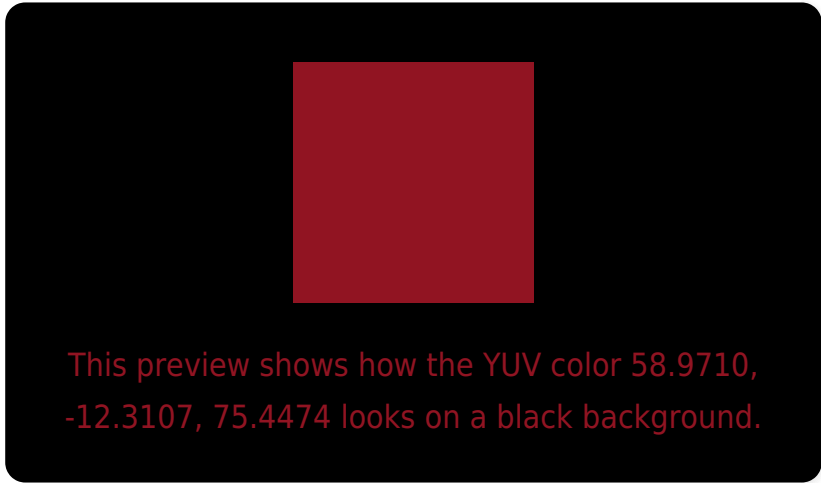
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

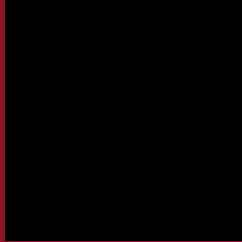
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.9710, -12.3107, 75.4474

Background



This preview shows how black text looks on a background with the YUV color 58.9710, -12.3107, 75.4474.



This preview shows how white text looks on a background with the YUV color 58.9710, -12.3107,

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

58.9710, -12.3107, 75.4474

Protanopia

73.9440, -11.8044, 6.1881

Deuteranopia

72.6330, -23.4831, 18.7389



Tritanopia

59.2500, -18.8572, 75.2027

Trichromacy



Original Color

58.9710, -12.3107, 75.4474

Protanomaly

68.3970, -12.0277, 31.2238

Deuteranomaly

67.5030, -19.4750, 39.9009

Tritanomaly

59.2330, -16.3839, 75.2177

Monochromacy



Original Color

58.9710, -12.3107, 75.4474

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.0250, -4.4493, 27.1651

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.9710, -12.3107, 75.4474 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(145, 20, 34)` looks like.

```
.text, #text, p{  
    color:rgb(145, 20, 34)  
}
```

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(145, 20, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 20, 34) }
```

Border

The CSS property to change the border of an element to YUV 58.9710, -12.3107, 75.4474 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(145, 20, 34) }
```


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

```
.border{ border-color:rgb(145, 20, 34) }
```

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

Here you see how a box with a 4 pixel rgb(145, 20, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 20, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 20, 34);  
box-shadow:4px 4px 4px 4px rgb(145, 20,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 58.9710, -12.3107, 75.4474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 20, 34) }
```

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

```
.background{ background-color: rgb(145, 20,  
34) }
```

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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