

Converting Colors

YUV(51.2210, -11.4480,
78.7362)

Have a look what the booklet for
YUV(51.2210, -11.4480, 78.7362)
contains.

YUV(51.2210, -11.4480, 78.7362)	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(51.2210, -11.4480,
78.7362)**

Conversions

Conversions Part 1

Format	Color
Hex	8D0A1C
RGB	141, 10, 28
RGB Percent	55%, 4%, 11%
CMY	0.4471, 0.9608, 0.8902
CMYK	0.00, 0.93, 0.80, 0.45
HSL	352°, 87%, 30%
HSV	352°, 93%, 55%
XYZ	11.3026, 5.9636, 1.6540
YIQ	51.2210, 72.2980, 33.3700

Conversions

Conversions Part 2

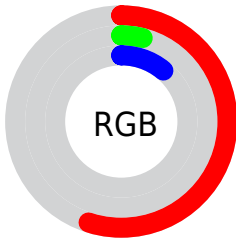
Format	Color
RYB	141, 10, 28
Decimal	9243164
CIELab	29.32, 50.53, 28.61
CIElCh	29, 58.065, 29.516
Yxy	5.9636, 0.5974, 0.3152
Android (android.graphics.Color)	4287433244 (0xFF8D0A1C)
YUV	51.2210, -11.4480, 78.7362
Hunter-Lab	24.4206, 39.8797, 13.0787

Details

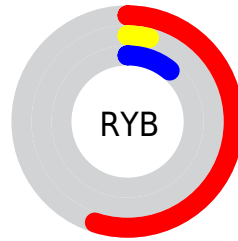
The YUV color **51.2210, -11.4480, 78.7362** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **99.7790, 11.4480, -78.7362**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.0440, -19.7417, 78.8914**, and **24.5180, -12.0874, 50.4117** is the 20% darker color. If you saturate the color by 10%, you get **44.3250, -12.4852, 84.7840**, and if you desaturate by 10%, it is **60.8070, -10.2579, 70.3293**.

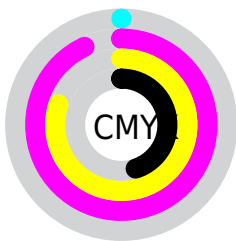
Distribution



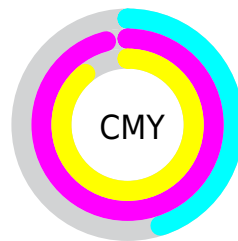
- Red (55%)
- Green (4%)
- Blue (11%)



- Red (55%)
- Yellow (4%)
- Blue (11%)



- Cyan (0%)
- Magenta (93%)
- Yellow (80%)
- Black (45%)



- Cyan (45%)
- Magenta (96%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.2210, -11.4480, 78.7362 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 51.2210, -11.4480, 78.7362 by changing the saturation by 10% instead.

■ 51.2210, -11.4480,
78.7362

■ 51.2210, -11.4480,
78.7362

255.0000, 0.0000,
0.0000

■ 33.6450, -14.6150,
67.8403

■ 112.0440,
-19.7417, 78.8914

■ 24.5180, -12.0874,
50.4117

■ 139.5990,
-21.4943, 81.0357

■ 16.9720, -7.3812,
34.2276

■ 165.0610,
-22.2151, 78.8765

■ 3.5880, -1.7689,
7.3773

■ 184.4610,
-18.9613, 61.8627

■ 0.0000, 0.0000,
0.0000

■ 203.9750,
-15.2707, 44.7489

■ 223.4890,

-11.5801, 27.6351

■ 244.2910, -8.0315,
9.3918

■ 51.2210, -11.4480,
78.7362

■ 51.2210, -11.4480,
78.7362

■ 44.3250, -12.4852,
84.7840

■ 60.8070, -10.2579,
70.3293

■ 70.3930, -9.0677,
61.9223

■ 79.9790, -7.8776,
53.5154

■ 89.6790, -6.2507,
45.0085

■ 99.8520, -5.3500,
36.0868

■ 109.4380, -4.1599,
27.6799

■ 119.0240, -2.9698,
19.2730

■ 128.6100, -1.7797,
10.8660

■ 138.1960, -0.5896,
2.4591

Harmonies

Analogous

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



50.9650, 10.3703, 80.7147



51.2210, -11.4480, 78.7362



63.4690, -31.2902, 49.5777

Triad

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



51.2210, -11.4480, 78.7362



51.8330, -17.1727, -45.4575



62.9660, 48.3308, -55.2212

Complementary

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



51.2210, -11.4480, 78.7362



99.7790, 11.4480, -78.7362

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.



66.6530, 39.6111, -58.4547



51.2210, -11.4480, 78.7362



58.7070, 4.0884, -51.4860

Square

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



51.2210, -11.4480, 78.7362



58.6320, -28.9056, -15.4633



63.9510, 24.1812, -56.0850



67.4880, 40.1854, -9.1980

Rectangle

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



51.2210, -11.4480, 78.7362



65.9950, -32.5355, 28.9454



63.9510, 24.1812, -56.0850



65.0860, 46.2996, -57.0804

Sweetspot

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



51.2210, -11.4480, 78.7362



148.3460, -4.6076, 31.2686



58.1230, 40.8584, 55.1431



70.7250, -2.8224, 18.6582



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



51.2210, -11.4480, 78.7362



57.8660, -16.2029, 110.6195



76.1710, -32.6223, 56.8550



66.2070, -0.5951, 4.2035



42.5310, -11.6008, 81.0953



2.5060, -0.7425, 4.8182

Inverse Universe

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



51.2210, -11.4480, 78.7362



57.8660, -16.2029, 110.6195



74.8290, 32.6223, -56.8550



66.2070, -0.5951, 4.2035



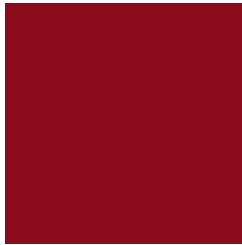
42.5310, -11.6008, 81.0953



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 51.2210, -11.4480, 78.7362 looks on a white background.

Color Contrast Check

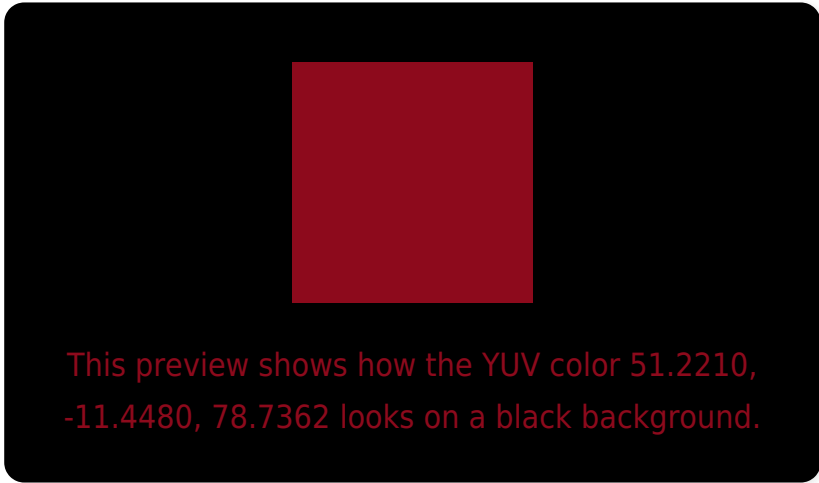
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.2210, -11.4480, 78.7362

Background



This preview shows how black text looks on a background with the YUV color 51.2210, -11.4480, 78.7362.



This preview shows how white text looks on a background with the YUV color 51.2210, -11.4480,

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

51.2210, -11.4480, 78.7362

Protanopia

70.4880, -13.5516, 6.5880

Deuteranopia

68.7640, -25.5197, 18.6240



Tritanopia

51.9900, -21.1941, 78.0618

Trichromacy



Original Color

51.2210, -11.4480, 78.7362

Protanomaly

63.2940, -12.4699, 33.0682

Deuteranomaly

62.5740, -20.4960, 40.7156

Tritanomaly

51.6140, -17.5577, 78.3915

Monochromacy



Original Color

51.2210, -11.4480, 78.7362

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.1500, -4.0179, 28.8095

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.2210, -11.4480, 78.7362 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(141, 10, 28)` looks like.

```
.text, #text, p{  
    color:rgb(141, 10, 28)  
}
```

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(141, 10, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 10, 28) }
```

Border

The CSS property to change the border of an element to YUV 51.2210, -11.4480, 78.7362 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(141, 10, 28) }
```


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

```
.border{ border-color:rgb(141, 10, 28) }
```

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

Here you see how a box with a 4 pixel rgb(141, 10, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 10, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 10, 28);  
box-shadow:4px 4px 4px 4px rgb(141, 10,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 51.2210, -11.4480, 78.7362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 10, 28) }
```

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

```
.background{ background-color: rgb(141, 10,  
28) }
```

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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