

Converting Colors

YUV(52.5510, -21.9636,
91.6018)

Have a look what the booklet for
YUV(52.5510, -21.9636, 91.6018)
contains.

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Color

**YUV(52.5510, -21.9636,
91.6018)**

Conversions

Conversions Part 1

Format	Color
Hex	9D0808
RGB	157, 8, 8
RGB Percent	62%, 3%, 3%
CMY	0.3843, 0.9686, 0.9686
CMYK	0.00, 0.95, 0.95, 0.38
HSL	0°, 90%, 32%
HSV	0°, 95%, 62%
XYZ	14.0353, 7.3593, 0.9105
YIQ	52.5510, 88.8040, 31.5880

Conversions

Conversions Part 2

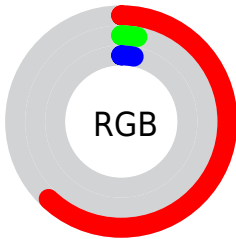
Format	Color
RYB	157, 8, 8
Decimal	10291208
CIELab	32.61, 54.75, 43.20
CIElCh	33, 69.742, 38.278
Yxy	7.3593, 0.6292, 0.3299
Android (android.graphics.Color)	4288481288 (0xFF9D0808)
YUV	52.5510, -21.9636, 91.6018
Hunter-Lab	27.1280, 44.8769, 16.9997

Details

The YUV color **52.5510, -21.9636, 91.6018** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **112.4490, 21.9636, -91.6018**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.1350, -31.1256, 90.2126**, and **28.7040, -14.1511, 59.0186** is the 20% darker color. If you saturate the color by 10%, you get **46.9430, -23.1429, 96.5200**, and if you desaturate by 10%, it is **63.7670, -19.6051, 81.7653**.

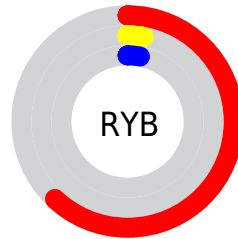
Distribution



Red (62%)

Green (3%)

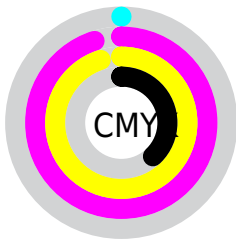
Blue (3%)



Red (62%)

Yellow (3%)

Blue (3%)

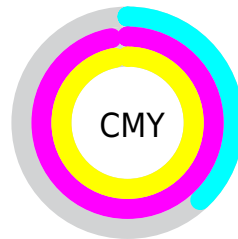


Cyan (0%)

Magenta (95%)

Yellow (95%)

Black (38%)



Cyan (38%)


Magenta (97%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the YUV color 52.5510, -21.9636, 91.6018 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 52.5510, -21.9636, 91.6018 by changing the saturation by 10% instead.


 52.5510, -21.9636,
91.6018


 52.5510, -21.9636,
91.6018


 252.9480, -7.8624,
1.7996


 37.6740, -18.5733,
77.4619


 117.1350,
-31.1256, 90.2126

 28.7040, -14.1511,
59.0186

 145.2880,
-33.1730, 93.5864

 20.1470, -9.4395,
41.0901

 165.3570,
-31.2350, 78.6169

 11.1770, -5.0173,
22.6468

 184.7570,
-27.9812, 61.6031

 0.0000, 0.0000,
0.0000

 204.1570,
-24.7274, 44.5893

 224.2580,

-21.3262, 26.9607

■ 244.4730,
-17.4882, 9.2322

■ 52.5510, -21.9636,
91.6018

■ 52.5510, -21.9636,
91.6018

■ 46.9430, -23.1429,
96.5200

■ 63.7670, -19.6051,
81.7653

■ 74.2820, -17.3940,
72.5437

■ 85.4980, -15.0355,
62.7073

■ 96.7140, -12.6770,
52.8708

■ 107.9300,
-10.3185, 43.0344

■ 118.4450, -8.1074,
33.8127

■ 129.6610, -5.7489,
23.9763

■ 140.8770, -3.3904,
14.1399

■ 151.3920, -1.1793,
4.9182

Harmonies

Analogous

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



57.5280, 3.1907, 96.8839



52.5510, -21.9636, 91.6018



71.7200, -35.3580, 47.6036

Triad

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



52.5510, -21.9636, 91.6018



60.0000, -13.8040, -52.6200



68.3920, 58.9667, -59.9798

Complementary

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



52.5510, -21.9636, 91.6018



112.4490, 21.9636, -91.6018

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.



75.8120, 51.8577, -66.4871



52.5510, -21.9636, 91.6018



67.9000, 11.3883, -59.5483

Square

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



52.5510, -21.9636, 91.6018



53.4170, -26.3346, -46.8467



74.0560, 34.9754, -64.9471



76.5430, 43.6093, 12.6788

Rectangle

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



52.5510, -21.9636, 91.6018



72.4410, -35.7134, 21.5382



74.0560, 34.9754, -64.9471



72.0280, 57.6672, -63.1686

Sweetspot

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



52.5510, -21.9636, 91.6018



164.0430, -8.4022, 35.0423



69.5370, 43.1193, 76.7051



77.4650, -5.1592, 21.5172



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



52.5510, -21.9636, 91.6018



60.9960, -30.0710, 125.4145



96.5760, -43.6680, 52.9918



73.3920, -1.1793, 4.9182



42.7570, -21.0792, 87.9131



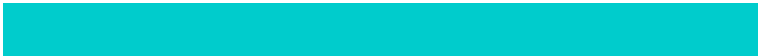
4.4850, -2.2111, 9.2217

Inverse Universe

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



112.4490, 21.9636, -91.6018



143.0040, 30.0710, -125.4145



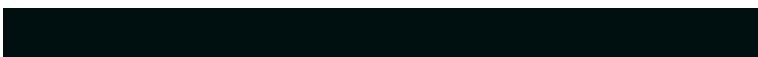
69.0110, 43.3786, -53.5066



76.6080, 1.1793, -4.9182



100.2430, 21.0792, -87.9131



10.5150, 2.2111, -9.2217

Previews

White Background



This preview shows how the YUV color 52.5510, -21.9636, 91.6018 looks on a white background.

Color Contrast Check

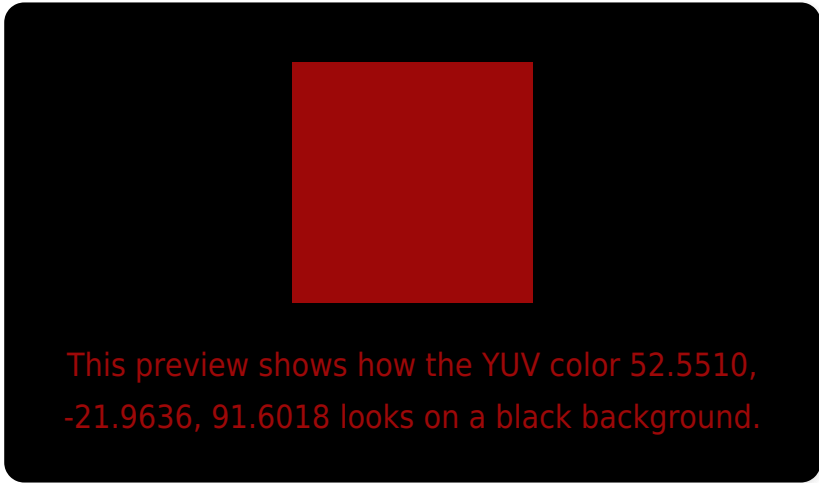
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.5510, -21.9636, 91.6018

Background



This preview shows how black text looks on a background with the YUV color 52.5510, -21.9636, 91.6018.



This preview shows how white text looks on a background with the YUV color 52.5510, -21.9636,

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

52.5510, -21.9636, 91.6018

Protanopia

76.1930, -26.2241, 11.2317

Deuteranopia

73.9250, -36.4450, 22.8678



Tritanopia

54.8620, -27.0470, 88.6980

Trichromacy



Original Color

52.5510, -21.9636, 91.6018

Protanomaly

67.8360, -24.5691, 40.4858

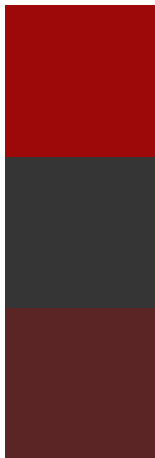
Deuteranomaly

66.4580, -31.2848, 47.8333

Tritanomaly

54.0300, -25.1578, 89.4277

Monochromacy



Original Color

52.5510, -21.9636, 91.6018

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.1460, -7.9600, 33.1980

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.5510, -21.9636, 91.6018 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(157, 8, 8)` looks like.

```
.text, #text, p{  
    color:rgb(157, 8, 8)  
}
```

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(157, 8, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 8, 8) }
```

Border

The CSS property to change the border of an element to YUV 52.5510, -21.9636, 91.6018 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(157, 8, 8) }
```


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

```
.border{ border-color:rgb(157, 8, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 8, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 8, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(157, 8, 8); box-shadow:4px  
4px 4px 4px rgb(157, 8, 8) }
```

Background

The CSS property to change the background color of an element to YUV 52.5510, -21.9636, 91.6018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 8, 8) }
```

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

```
.background{ background-color: rgb(157, 8,  
8) }
```

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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