

Converting Colors

YUV(52.8700, -19.1629,
79.9210)

Have a look what the booklet for
YUV(52.8700, -19.1629, 79.9210)
contains.

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Color

**YUV(52.8700, -19.1629,
79.9210)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 900E0E |
| RGB | 144, 14, 14 |
| RGB Percent | 56%, 5%, 5% |
| CMY | 0.4353, 0.9451, 0.9451 |
| CMYK | 0.00, 0.90, 0.90, 0.44 |
| HSL | 0°, 82%, 31% |
| HSV | 0°, 90%, 56% |
| XYZ | 11.7379, 6.2751, 1.0080 |
| YIQ | 52.8700, 77.4800, 27.5600 |

Conversions

Conversions Part 2

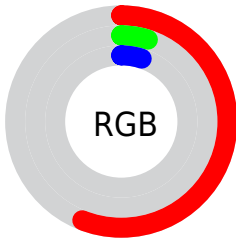
| Format | Color |
|-------------------------------------|--|
| RYB | 144, 14, 14 |
| Decimal | 9440782 |
| CIELab | 30.10, 50.30, 37.48 |
| CIELCh | 30, 62.731, 36.690 |
| Yxy | 6.2751, 0.6171, 0.3299 |
| Android (android.graphics.Color) | 4287630862 (0xFF900E0E) |
| YUV | 52.8700, -19.1629, 79.9210 |
| Hunter-Lab | 25.0501, 39.8033, 15.1492 |

Details

The YUV color **52.8700, -19.1629, 79.9210** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **105.1300, 19.1629, -79.9210**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.5190, -26.8779, 81.1058**, and **25.1160, -12.3822, 51.6413** is the 20% darker color. If you saturate the color by 10%, you get **43.0560, -21.2266, 88.5279**, and if you desaturate by 10%, it is **62.6840, -17.0992, 71.3141**.

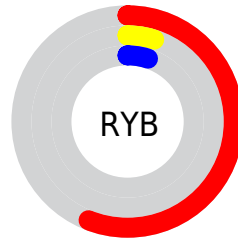
Distribution



Red (56%)

Green (5%)

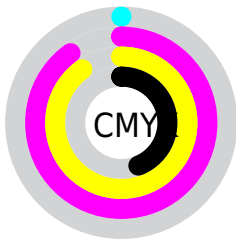
Blue (5%)



Red (56%)

Yellow (5%)

Blue (5%)

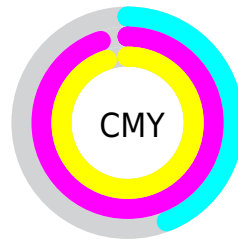


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (44%)



Cyan (44%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.8700, -19.1629, 79.9210 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 52.8700, -19.1629, 79.9210 by changing the saturation by 10% instead.

■ 52.8700, -19.1629,
79.9210

■ 52.8700, -19.1629,
79.9210

■ 253.4040, -6.1152,
1.3997

■ 34.0860, -16.8044,
70.0846

■ 112.5190,
-26.8779, 81.1058

■ 25.1160, -12.3822,
51.6413

■ 140.6720,
-28.9253, 84.4797

■ 17.5700, -7.6760,
35.4571

■ 164.6390,
-28.9090, 79.2466

■ 5.3820, -2.6533,
11.0660


■ 184.0390,
-25.6552, 62.2328


■ 0.0000, 0.0000,
0.0000


■ 203.4390,
-22.4014, 45.2190


■ 222.9530,


-18.7108, 28.1052


 243.1680,
-14.8728, 10.3767


 52.8700, -19.1629,
79.9210


 52.8700, -19.1629,
79.9210

 43.0560, -21.2266,
88.5279

 62.6840, -17.0992,
71.3141

 73.1990, -14.8881,
62.0925

 83.0130, -12.8244,
53.4856

 93.5280, -10.6133,
44.2639

 103.3420, -8.5496,
35.6571

■ 113.1560, -6.4859,
27.0502

■ 123.6710, -4.2748,
17.8285

■ 133.4850, -2.2111,
9.2217

■ 144.0000, 0.0000,
0.0000

Harmonies

Analogous

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



52.5160, 4.6756, 87.2475



52.8700, -19.1629, 79.9210



66.0940, -32.5843, 44.6446

Triad

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



52.8700, -19.1629, 79.9210



54.8480, -13.2361, -48.1017



62.8180, 52.8407, -55.0914

Complementary

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



52.8700, -19.1629, 79.9210



105.1300, 19.1629, -79.9210

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.



68.9500, 45.8736, -60.4691



52.8700, -19.1629, 79.9210



62.0640, 9.3354, -54.4301

Square

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



52.8700, -19.1629, 79.9210



54.1030, -26.6728, -31.6623



67.5360, 30.3018, -59.2291



71.0710, 39.4050, 7.8307

Rectangle

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



52.8700, -19.1629, 79.9210



66.8370, -32.9506, 22.0680



67.5360, 30.3018, -59.2291



66.3400, 51.1044, -58.1802

Sweetspot

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



52.8700, -19.1629, 79.9210



150.9500, -7.3703, 30.7389



67.6900, 37.6208, 66.9239



72.9700, -4.4222, 18.4433



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.



52.8700, -19.1629, 79.9210



55.6140, -27.4177, 114.3485



91.0250, -37.9733, 46.4591



66.0930, -1.0318, 4.3034



40.3650, -19.8999, 82.9949



2.3920, -1.1793, 4.9182

Inverse Universe

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



105.1300, 19.1629, -79.9210



130.3860, 27.4177, -114.3485



66.9750, 37.9733, -46.4591



68.9070, 1.0318, -4.3034



94.6350, 19.8999, -82.9949



5.6080, 1.1793, -4.9182

Previews

White Background



This preview shows how the YUV color 52.8700, -19.1629, 79.9210 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 52.8700, -19.1629, 79.9210

Background



This preview shows how black text looks on a background with the YUV color 52.8700, -19.1629, 79.9210.



This preview shows how white text looks on a background with the YUV color 52.8700, -19.1629,

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

52.8700, -19.1629, 79.9210

Protanopia

70.3330, -21.8562, 10.2320

Tritanopia

52.8870, -21.6363, 79.9061

Trichromacy



Original Color

52.8700, -19.1629, 79.9210

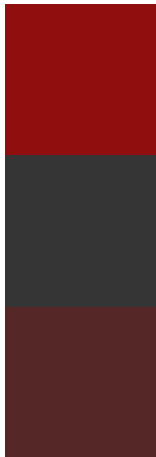
Protanomaly

64.4270, -20.9165, 35.5825

Tritanomaly

53.1150, -20.7627, 79.7061

Monochromacy



Original Color

52.8700, -19.1629, 79.9210

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.0530, -6.9281, 28.8945

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.8700, -19.1629, 79.9210 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(144, 14, 14)` looks like.

```
.text, #text, p{  
    color:rgb(144, 14, 14)  
}
```

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(144, 14, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 14, 14) }
```

Border

The CSS property to change the border of an element to YUV 52.8700, -19.1629, 79.9210 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(144, 14, 14) }
```

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

```
.border{ border-color:rgb(144, 14, 14) }
```

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

Here you see how a box with a 4 pixel rgb(144, 14, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 14, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 14, 14);  
box-shadow:4px 4px 4px 4px rgb(144, 14,  
14) }
```


Background

The CSS property to change the background color of an element to YUV 52.8700, -19.1629, 79.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 14, 14) }
```

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

```
.background{ background-color: rgb(144, 14,  
14) }
```

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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