

Converting Colors

YUV(54.3510, -12.0050,
70.7292)

Have a look what the booklet for
YUV(54.3510, -12.0050, 70.7292)
contains.

YUV(54.3510, -12.0050, 70.7292)	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(54.3510, -12.0050,
70.7292)**

Conversions

Conversions Part 1

Format	Color
Hex	87121E
RGB	135, 18, 30
RGB Percent	53%, 7%, 12%
CMY	0.4706, 0.9294, 0.8824
CMYK	0.00, 0.87, 0.78, 0.47
HSL	354°, 76%, 30%
HSV	354°, 87%, 53%
XYZ	10.4423, 5.6772, 1.7737
YIQ	54.3510, 65.8800, 28.5360

Conversions

Conversions Part 2

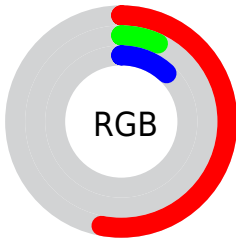
Format	Color
R_{YB}	135, 18, 30
Decimal	8851998
CIE _{Lab}	28.58, 47.30, 26.17
CIE _{LCh}	29, 54.059, 28.950
Yxy	5.6772, 0.5836, 0.3173
Android (android.graphics.Color)	4287042078 (0xFF87121E)
YUV	54.3510, -12.0050, 70.7292
Hunter-Lab	23.8270, 36.5316, 12.2652

Details

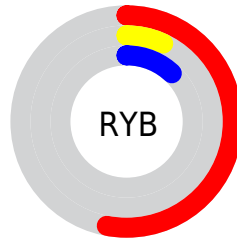
The YUV color **54.3510, -12.0050, 70.7292** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **98.6490, 12.0050, -70.7292**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.3530, -18.4150, 73.3584**, and **23.0230, -11.3503, 47.3378** is the 20% darker color. If you saturate the color by 10%, you get **44.7650, -13.1951, 79.1361**, and if you desaturate by 10%, it is **63.3500, -10.5255, 62.8371**.

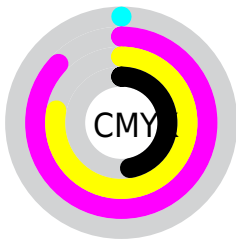
Distribution



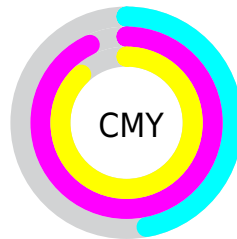
- Red (53%)
- Green (7%)
- Blue (12%)



- Red (53%)
- Yellow (7%)
- Blue (12%)



- Cyan (0%)
- Magenta (87%)
- Yellow (78%)
- Black (47%)



- Cyan (47%)
- Magenta (93%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.3510, -12.0050, 70.7292 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 54.3510, -12.0050, 70.7292 by changing the saturation by 10% instead.

■ 54.3510, -12.0050,
70.7292

■ 54.3510, -12.0050,
70.7292

255.0000, 0.0000,
0.0000

■ 32.4920, -12.5676,
64.4665

■ 111.3530,
-18.4150, 73.3584

■ 23.0230, -11.3503,
47.3378

■ 138.9080,
-20.1676, 75.5027

■ 15.4770, -6.6442,
31.1537

■ 166.5770,
-21.4835, 77.5470

■ 0.0000, 0.0000,
0.0000

■ 185.3900,
-17.9403, 61.0480

■ 204.7900,
-14.6865, 44.0342

■ 224.4180,

-10.5591, 26.8204

244.6330, -6.7211,
9.0919

54.3510, -12.0050,
70.7292

54.3510, -12.0050,
70.7292

44.7650, -13.1951,
79.1361

63.3500, -10.5255,
62.8371

41.9610, -13.7848,
81.5952

72.9360, -9.3354,
54.4301

81.9350, -7.8560,
46.5380

91.5210, -6.6659,
38.1311

101.2210, -5.0390,
29.6242

■ 110.2200, -3.5595,
21.7321

■ 119.8060, -2.3694,
13.3251

■ 128.8050, -0.8899,
5.4330

■ 137.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



49.0570, 10.8179, 77.1260



54.3510, -12.0050, 70.7292



62.2730, -30.7006, 47.1186

Triad

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



54.3510, -12.0050, 70.7292



50.3000, -15.4309, -44.1131



60.7660, 44.9784, -53.2918

Complementary

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



54.3510, -12.0050, 70.7292



98.6490, 12.0050, -70.7292

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.



63.9800, 36.9849, -56.1105



54.3510, -12.0050, 70.7292



56.7180, 4.0830, -49.7417

Square

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



54.3510, -12.0050, 70.7292



57.7680, -28.4796, -12.0745



62.0930, 22.1392, -54.4556



66.2770, 36.8384, -9.0129

Rectangle

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



54.3510, -12.0050, 70.7292



63.9240, -31.5145, 28.1307



62.0930, 22.1392, -54.4556



62.2990, 43.2366, -54.6362

Sweetspot

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



54.3510, -12.0050, 70.7292



144.3240, -4.5967, 27.7799



62.1350, 35.9224, 51.6246



70.3010, -3.1064, 16.3990



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



54.3510, -12.0050, 70.7292



54.6760, -18.0813, 106.4011



79.3980, -30.2692, 48.7630



61.7940, -0.8844, 3.6887



40.3520, -13.4845, 78.6213



0.8970, -0.4422, 1.8443

Inverse Universe

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



54.3510, -12.0050, 70.7292



54.6760, -18.0813, 106.4011



73.6020, 30.2692, -48.7630



61.7940, -0.8844, 3.6887



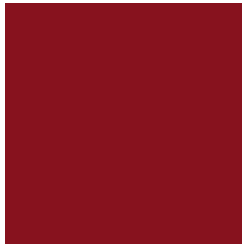
40.3520, -13.4845, 78.6213



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 54.3510, -12.0050, 70.7292 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

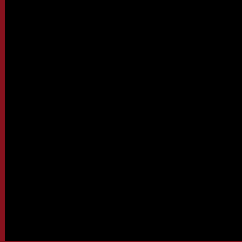
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.3510, -12.0050, 70.7292

Background



This preview shows how black text looks on a background with the YUV color 54.3510, -12.0050, 70.7292.



This preview shows how white text looks on a background with the YUV color 54.3510, -12.0050,

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

54.3510, -12.0050, 70.7292

Protanopia

68.9440, -11.8044, 6.1881

Deuteranopia

67.2630, -22.3147, 17.3093



Tritanopia

54.2710, -17.3886, 70.7993

Trichromacy



Original Color

54.3510, -12.0050, 70.7292

Protanomaly

63.5000, -11.5855, 29.3795

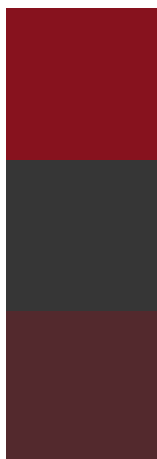
Deuteranomaly

62.7090, -18.5905, 36.2122

Tritanomaly

54.1400, -15.3520, 70.9142

Monochromacy



Original Color

54.3510, -12.0050, 70.7292

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.0140, -4.4439, 25.4207

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.3510, -12.0050, 70.7292 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(135, 18, 30)` looks like.

```
.text, #text, p{  
    color:rgb(135, 18, 30)  
}
```

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(135, 18, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 18, 30) }
```

Border

The CSS property to change the border of an element to YUV 54.3510, -12.0050, 70.7292 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(135, 18, 30) }
```


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

```
.border{ border-color:rgb(135, 18, 30) }
```

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

Here you see how a box with a 4 pixel rgb(135, 18, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 18, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 18, 30);  
box-shadow:4px 4px 4px 4px rgb(135, 18,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 54.3510, -12.0050, 70.7292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 18, 30) }
```

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

```
.background{ background-color: rgb(135, 18,  
30) }
```

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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