

Converting Colors

YUV(54.7510, 1.6018, 93.1804)

Have a look what the booklet for
YUV(54.7510, 1.6018, 93.1804)
contains.

YUV(54.7510, 1.6018, 93.1804)	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(54.7510, 1.6018,
93.1804)**

Conversions

Conversions Part 1

Format	Color
Hex	A1003A
RGB	161, 0, 58
RGB Percent	63%, 0%, 23%
CMY	0.3686, 1.0000, 0.7725
CMYK	0.00, 1.00, 0.64, 0.37
HSL	338°, 100%, 32%
HSV	338°, 100%, 63%
XYZ	15.4617, 7.8826, 4.7096
YIQ	54.7510, 77.3380, 52.1700

Conversions

Conversions Part 2

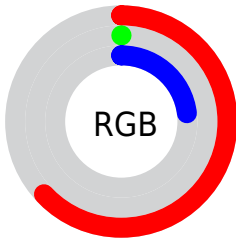
Format	Color
R_{YB}	161, 0, 58
Decimal	10551354
CIE Lab	33.74, 58.56, 15.55
CIE LCh	34, 60.590, 14.869
Yxy	7.8826, 0.5511, 0.2810
Android (android.graphics.Color)	4288741434 (0xFFA1003A)
YUV	54.7510, 1.6018, 93.1804
Hunter-Lab	28.0759, 49.1689, 9.7076

Details

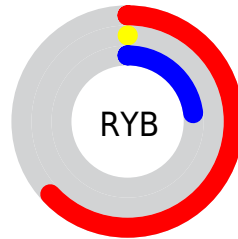
The YUV color **54.7510, 1.6018, 93.1804** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **106.2490, -1.6018, -93.1804**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.9600, -8.8543, 86.8581**, and **32.3220, -8.0467, 61.1076** is the 20% darker color. If you saturate the color by 10%, you get **54.7510, 1.6018, 93.1804**, and if you desaturate by 10%, it is **65.2830, 1.3395, 83.9438**.

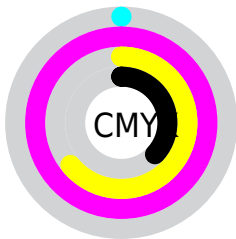
Distribution



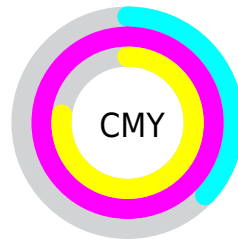
- Red (63%)
- Green (0%)
- Blue (23%)



- Red (63%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (37%)





- Cyan (37%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 54.7510, 1.6018, 93.1804 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 54.7510, 1.6018, 93.1804 by changing the saturation by 10% instead.


 54.7510, 1.6018,
93.1804


 54.7510, 1.6018,
93.1804


255.0000, 0.0000,
0.0000


 43.3870, -3.1488,
76.8366


 122.9600, -8.8543,
86.8581

 32.3220, -8.0467,
61.1076

 152.1020,
-10.8963, 88.4875


 21.9410, -10.3239,
44.7787

 172.1000, -7.9373,
72.7033

 13.2700, -6.0491,
26.9502


 191.5000, -4.6835,
55.6895


 0.0000, 0.0000,
0.0000

 211.1280, -0.5561,
38.4757


 231.3430, 3.2819,

20.7472


 250.8910, 2.0257,
3.6036

 54.7510, 1.6018,
93.1804

 65.2830, 1.3395,
83.9438

 75.9290, 1.5140,
74.6073

 86.4610, 1.2517,
65.3707

 96.9930, 0.9895,
56.1341

 108.1120, 0.4378,
46.3828

■ 118.7580, 0.6123,
37.0462

■ 129.2900, 0.3500,
27.8097

■ 139.8220, 0.0878,
18.5731

■ 150.4680, 0.2623,
9.2366

Harmonies

Analogous

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



64.8640, 20.2800, 75.5413



54.7510, 1.6018, 93.1804



69.6330, -29.8921, 67.8509

Triad

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



54.7510, 1.6018, 93.1804



55.1780, -27.2028, -48.3911



73.7260, 48.9421, -64.6577

Complementary

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



54.7510, 1.6018, 93.1804



106.2490, -1.6018, -93.1804

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.



74.2840, 35.8490, -65.1471



54.7510, 1.6018, 93.1804



63.4540, -5.6468, -55.6492

Square

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



54.7510, 1.6018, 93.1804



72.6190, -35.8012, 2.9651



69.8550, 16.3405, -61.2628



65.6220, 53.4304, -57.5505

Rectangle

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



54.7510, 1.6018, 93.1804



74.3780, -36.6684, 47.9035



69.8550, 16.3405, -61.2628



74.8030, 45.4531, -65.6022

Sweetspot

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



54.7510, 1.6018, 93.1804



167.4590, 0.7597, 36.4315



48.8520, 55.2890, 46.6108



79.8440, 0.0769, 22.0618



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



54.7510, 1.6018, 93.1804



71.0410, 1.9518, 120.9900



60.4660, -29.8097, 88.1683



76.0330, -0.0163, 5.2331



49.2830, 1.3395, 83.9438



6.0660, -0.0325, 10.4661

Inverse Universe

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



54.7510, 1.6018, 93.1804



71.0410, 1.9518, 120.9900



100.5340, 29.8097, -88.1683



76.0330, -0.0163, 5.2331



49.2830, 1.3395, 83.9438



6.0660, -0.0325, 10.4661

Previews

White Background



This preview shows how the YUV color 54.7510, 1.6018, 93.1804 looks on a white background.

Color Contrast Check

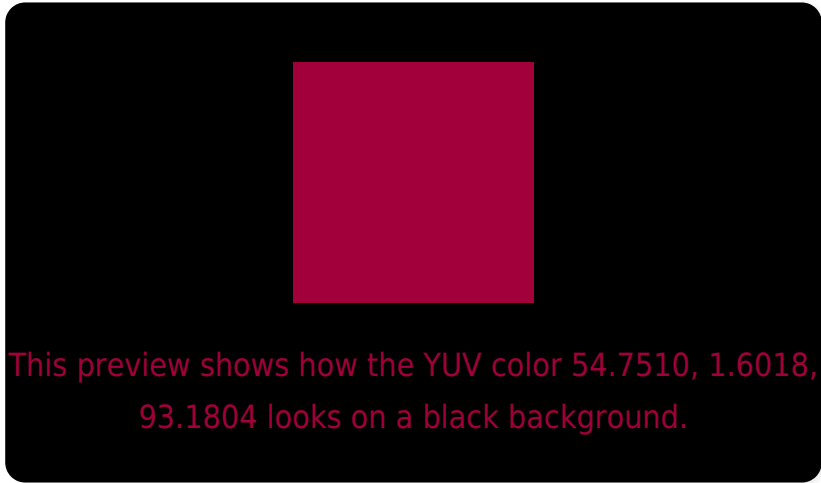
Large Text (above 18pt) WCAG AA ✓ Pass

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

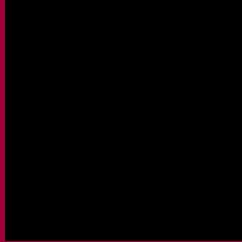
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.7510, 1.6018, 93.1804

Background



This preview shows how black text looks on a background with the YUV color 54.7510, 1.6018, 93.1804.



This preview shows how white text looks on a background with the YUV color 54.7510, 1.6018,

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

54.7510, 1.6018, 93.1804

Protanopia

82.6410, 1.1630, 0.3148

Deuteranopia

82.0870, -15.3259, 15.7097



Tritanopia

63.7350, -21.0684, 84.4244

Trichromacy



Original Color

54.7510, 1.6018, 93.1804

Protanomaly

72.2630, 1.3493, 33.9723

Deuteranomaly

71.9840, -8.8661, 43.8640

Tritanomaly

60.5210, -13.0749, 87.2431

Monochromacy



Original Color

54.7510, 1.6018, 93.1804

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0350, 0.4757, 34.1723

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.7510, 1.6018, 93.1804 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(161, 0, 58)` looks like.

```
.text, #text, p{  
    color:rgb(161, 0, 58)  
}
```

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(161, 0, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 0, 58) }
```

Border

The CSS property to change the border of an element to YUV 54.7510, 1.6018, 93.1804 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(161, 0, 58) }
```


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

```
.border{ border-color:rgb(161, 0, 58) }
```

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

Here you see how a box with a 4 pixel rgb(161, 0, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 0, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 0, 58);  
box-shadow:4px 4px 4px 4px rgb(161, 0, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.7510, 1.6018, 93.1804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 0, 58) }
```

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

```
.background{ background-color: rgb(161, 0,  
58) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor