

Converting Colors

YUV(54.5940, -0.2928, 94.1951)

Have a look what the booklet for
YUV(54.5940, -0.2928, 94.1951)
contains.

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Color

**YUV(54.5940, -0.2928,
94.1951)**

Conversions

Conversions Part 1

Format	Color
Hex	A20036
RGB	162, 0, 54
RGB Percent	64%, 0%, 21%
CMY	0.3647, 1.0000, 0.7882
CMYK	0.00, 1.00, 0.67, 0.36
HSL	340°, 100%, 32%
HSV	340°, 100%, 64%
XYZ	15.5661, 7.9477, 4.2037
YIQ	54.5940, 79.2180, 51.1380

Conversions

Conversions Part 2

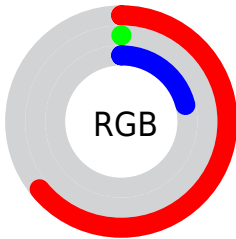
Format	Color
R_{YB}	162, 0, 54
Decimal	10616886
CIE _{Lab}	33.87, 58.59, 18.39
CIE _{LCh}	34, 61.405, 17.430
Yxy	7.9477, 0.5616, 0.2867
Android (android.graphics.Color)	4288806966 (0xFFA20036)
YUV	54.5940, -0.2928, 94.1951
Hunter-Lab	28.1917, 49.2239, 10.8935

Details

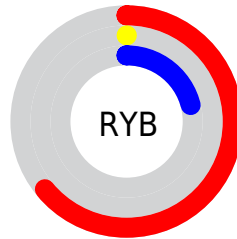
The YUV color **54.5940, -0.2928, 94.1951** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **107.4060, 0.2928, -94.1951**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.6890, -11.1857, 87.9727**, and **31.7520, -10.2307, 61.6075** is the 20% darker color. If you saturate the color by 10%, you get **54.5940, -0.2928, 94.1951**, and if you desaturate by 10%, it is **65.2400, -0.1183, 84.8585**.

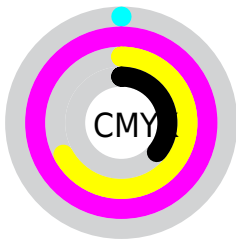
Distribution



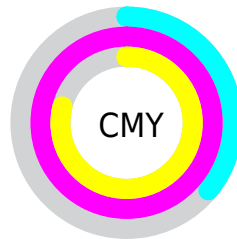
- Red (64%)
- Green (0%)
- Blue (21%)



- Red (64%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (36%)




- Cyan (36%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YUV color 54.5940, -0.2928, 94.1951 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 54.5940, -0.2928, 94.1951 by changing the saturation by 10% instead.


 54.5940, -0.2928,
94.1951


 54.5940, -0.2928,
94.1951


255.0000, 0.0000,
0.0000


 43.2300, -5.0434,
77.8513


 122.6890,
-11.1857, 87.9727


 31.7520, -10.2307,
61.6075

 151.8310,
-13.2277, 89.6022

 21.9410, -10.3239,
44.7787

 171.5300,
-10.1213, 73.2032

 13.2700, -6.0491,
26.9502

 191.0440, -6.4307,
56.0894

 0.0000, 0.0000,
0.0000

 210.5580, -2.7401,
38.9756

 231.3600, 0.8085,

20.7323

250.8910, 2.0257,
3.6036

54.5940, -0.2928,
94.1951

65.2400, -0.1183,
84.8585

75.8860, 0.0562,
75.5220

87.0050, -0.4955,
65.7706

97.6510, -0.3209,
56.4341

108.2970, -0.1464,
47.0975

■ 118.9430, 0.0281,
37.7610

■ 129.5890, 0.2026,
28.4244

■ 140.7080, -0.3490,
18.6731

■ 151.3540, -0.1745,
9.3365

Harmonies

Analogous

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



60.6090, 20.4058, 81.9039



54.5940, -0.2928, 94.1951



69.7100, -33.3810, 66.9063

Triad

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



54.5940, -0.2928, 94.1951



55.7650, -27.4921, -48.9059



74.0680, 50.2525, -64.9576

Complementary

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



54.5940, -0.2928, 94.1951



107.4060, 0.2928, -94.1951

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.



74.7400, 37.5962, -65.5470



54.5940, -0.2928, 94.1951



64.6110, -3.7522, -56.6638

Square

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



54.5940, -0.2928, 94.1951



72.0100, -35.5009, -0.0088



71.0120, 18.2351, -62.2775



64.4480, 54.0091, -56.5209

Rectangle

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



54.5940, -0.2928, 94.1951



74.9540, -36.9523, 45.6443



71.0120, 18.2351, -62.2775



75.2590, 47.2003, -66.0021

Sweetspot

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



54.5940, -0.2928, 94.1951



169.5300, -0.2613, 37.2462



50.7600, 54.8413, 50.1995



81.7300, -0.3599, 22.1618



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



54.5940, -0.2928, 94.1951



71.4820, -0.2376, 123.2343



64.2870, -31.6935, 85.6943



76.0330, -0.0163, 5.2331



48.8270, -0.4077, 84.3437



6.0660, -0.0325, 10.4661

Inverse Universe

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



54.5940, -0.2928, 94.1951



71.4820, -0.2376, 123.2343



97.7130, 31.6935, -85.6943



76.0330, -0.0163, 5.2331



48.8270, -0.4077, 84.3437



6.0660, -0.0325, 10.4661

Previews

White Background



This preview shows how the YUV color 54.5940, -0.2928, 94.1951 looks on a white background.

Color Contrast Check

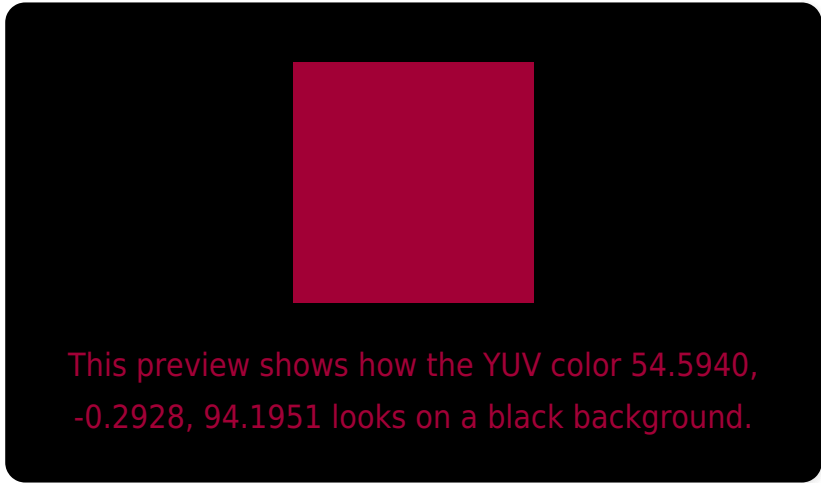
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.5940, -0.2928, 94.1951

Background



This preview shows how black text looks on a background with the YUV color 54.5940, -0.2928, 94.1951.



This preview shows how white text looks on a background with the YUV color 54.5940, -0.2928,

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

54.5940, -0.2928, 94.1951

Protanopia

82.6690, -1.3158, 2.0443

Deuteranopia

81.9300, -17.2205, 16.7244



Tritanopia

63.2190, -21.8000, 85.7539

Trichromacy



Original Color

54.5940, -0.2928, 94.1951

Protanomaly

72.4050, -0.6927, 35.6018

Deuteranomaly

71.8270, -10.7607, 44.8787

Tritanomaly

60.0050, -13.8065, 88.5726

Monochromacy



Original Color

54.5940, -0.2928, 94.1951

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9210, 0.0389, 34.2723

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.5940, -0.2928, 94.1951 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(162, 0, 54)` looks like.

```
.text, #text, p{  
    color:rgb(162, 0, 54)  
}
```

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(162, 0, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 0, 54) }
```

Border

The CSS property to change the border of an element to YUV 54.5940, -0.2928, 94.1951 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(162, 0, 54) }
```


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

```
.border{ border-color:rgb(162, 0, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 0, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 0, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 0, 54);  
box-shadow:4px 4px 4px 4px rgb(162, 0, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.5940, -0.2928, 94.1951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 0, 54) }
```

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

```
.background{ background-color: rgb(162, 0,  
54) }
```

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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