

Converting Colors

YUV(54.2590, -2.5927, 38.3609)

Have a look what the booklet for
YUV(54.2590, -2.5927, 38.3609)
contains.

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Color

**YUV(54.2590, -2.5927,
38.3609)**

Conversions

Conversions Part 1

Format	Color
Hex	622131
RGB	98, 33, 49
RGB Percent	38%, 13%, 19%
CMY	0.6157, 0.8706, 0.8078
CMYK	0.00, 0.66, 0.50, 0.62
HSL	345°, 50%, 26%
HSV	345°, 66%, 38%
XYZ	6.1352, 3.9061, 3.3363
YIQ	54.2590, 33.6040, 18.7560

Conversions

Conversions Part 2

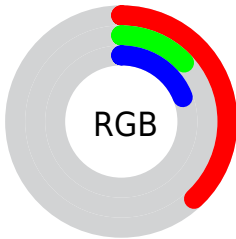
Format	Color
R_{YB}	98, 33, 49
Decimal	6431025
CIE Lab	23.36, 30.92, 5.28
CIE LCh	23, 31.368, 9.682
Yxy	3.9061, 0.4586, 0.2920
Android (android.graphics.Color)	4284621105 (0xFF622131)
YUV	54.2590, -2.5927, 38.3609
Hunter-Lab	19.7639, 20.8241, 3.8261

Details

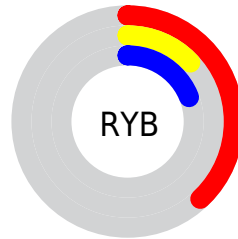
The YUV color **54.2590, -2.5927, 38.3609** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **76.7410, 2.5927, -38.3609**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.8250, -4.3507, 42.2495**, and **14.7650, -6.7861, 30.0241** is the 20% darker color. If you saturate the color by 10%, you get **47.5910, -2.7564, 44.2087**, and if you desaturate by 10%, it is **60.9270, -2.4290, 32.5130**.

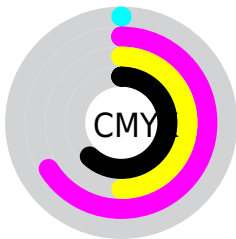
Distribution



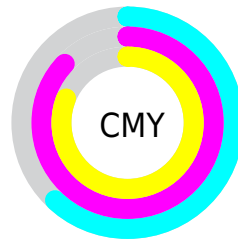
- Red (38%)
- Green (13%)
- Blue (19%)



- Red (38%)
- Yellow (13%)
- Blue (19%)



- Cyan (0%)
- Magenta (66%)
- Yellow (50%)
- Black (62%)



- Cyan (62%)
- Magenta (87%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.2590, -2.5927, 38.3609 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 54.2590, -2.5927, 38.3609 by changing the saturation by 10% instead.

■ 54.2590, -2.5927,
38.3609

■ 54.2590, -2.5927,
38.3609

■ 255.0000, 0.0000,
0.0000

■ 28.8290, -0.4087,
37.8610

■ 103.8250, -4.3507,
42.2495

■ 14.7650, -6.7861,
30.0241

■ 129.7220, -4.7929,
44.0938

■ 1.7940, -0.8844,
3.6887

■ 156.2060, -5.5246,
45.4233

■ 0.0000, 0.0000,
0.0000

■ 183.8040, -5.8194,
46.6529

■ 208.1130, -4.4927,
41.1199

■ 227.7410, -0.3653,

23.9061

247.9560, 3.4727,
6.1776

54.2590, -2.5927,
38.3609

54.2590, -2.5927,
38.3609

47.5910, -2.7564,
44.2087

60.9270, -2.4290,
32.5130

40.8090, -3.3568,
50.1565

67.7090, -1.8285,
26.5652

34.7280, -3.8099,
55.4895

73.7900, -1.3755,
21.2322

32.0380, -3.9627,
57.8487

80.5720, -0.7750,
15.2844

87.2400, -0.6113,
9.4365

■ 93.9080, -0.4476,
3.5887

■ 100.6900, 0.1528,
-2.3591

■ 106.7710, 0.6059,
-7.6922

■ 113.4390, 0.7696,
-13.5400

Harmonies

Analogous

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



56.2500, 7.7648, 29.5987



54.2590, -2.5927, 38.3609



54.0770, -13.3490, 35.0125

Triad

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



54.2590, -2.5927, 38.3609



49.3840, -15.9653, -12.6148



48.3810, 25.4482, -42.4301

Complementary

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



54.2590, -2.5927, 38.3609



76.7410, 2.5927, -38.3609

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.



48.4320, 18.0280, -42.4749



54.2590, -2.5927, 38.3609



43.0740, -2.5015, -37.7759

Square

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



54.2590, -2.5927, 38.3609



52.0400, -24.1767, 7.8579



46.5110, 8.1291, -40.7901



50.1810, 25.5468, -27.3457

Rectangle

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



54.2590, -2.5927, 38.3609



53.7250, -19.5844, 28.3052



46.5110, 8.1291, -40.7901



48.5120, 23.4116, -42.5450

Sweetspot

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



54.2590, -2.5927, 38.3609



110.4580, -1.2118, 15.3843



55.0610, 21.1689, 23.6255



53.2400, -0.6113, 9.4365



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



54.2590, -2.5927, 38.3609



58.7610, -3.8262, 60.7226



61.8270, -14.2117, 31.7237



45.3100, -0.1528, 2.3591



36.6800, -4.2792, 66.0556



78.4860, -9.6066, 141.6478

Inverse Universe

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



54.2590, -2.5927, 38.3609



58.7610, -3.8262, 60.7226



69.1730, 14.2117, -31.7237



45.3100, -0.1528, 2.3591



36.6800, -4.2792, 66.0556



78.4860, -9.6066, 141.6478

Previews

White Background



This preview shows how the YUV color 54.2590, -2.5927, 38.3609 looks on a white background.

Color Contrast Check

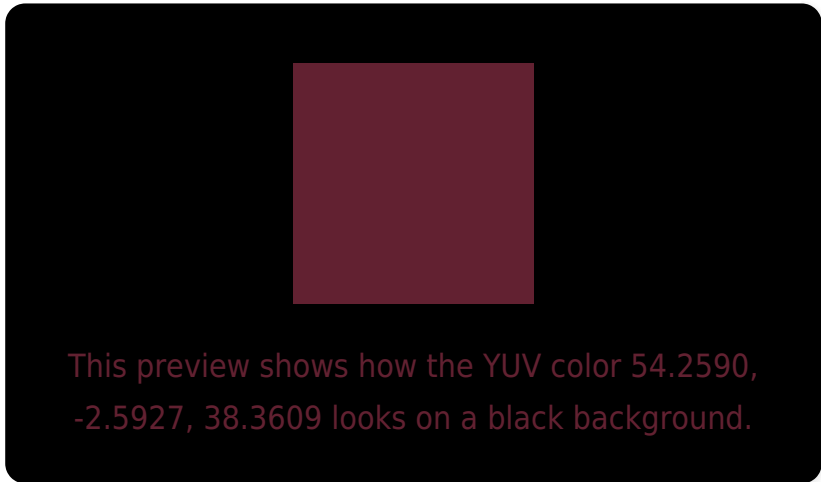
Large Text (above 18pt) WCAG AA ✓ Pass

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

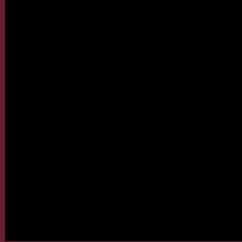
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.2590, -2.5927, 38.3609

Background



This preview shows how black text looks on a background with the YUV color 54.2590, -2.5927, 38.3609.



This preview shows how white text looks on a background with the YUV color 54.2590, -2.5927,

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

54.2590, -2.5927, 38.3609

Protanopia

56.8690, 2.0366, 0.1149

Deuteranopia

57.2630, -5.5527, 7.6623



Tritanopia

53.7660, -8.2656, 37.9162

Trichromacy



Original Color

54.2590, -2.5927, 38.3609

Protanomaly

56.2020, 0.3934, 13.8548

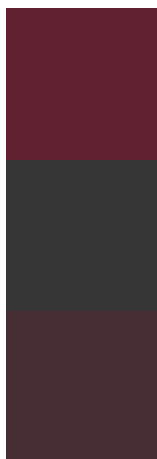
Deuteranomaly

56.2690, -4.5696, 19.0581

Tritanomaly

53.6350, -6.2291, 38.0311

Monochromacy



Original Color

54.2590, -2.5927, 38.3609

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.8600, -0.9170, 14.1548

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.2590, -2.5927, 38.3609 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(98, 33, 49)` looks like.

```
.text, #text, p{  
    color:rgb(98, 33, 49)  
}
```

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(98, 33, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 33, 49) }
```

Border

The CSS property to change the border of an element to YUV 54.2590, -2.5927, 38.3609 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(98, 33, 49) }
```


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

```
.border{ border-color:rgb(98, 33, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 33, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 33, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 33, 49);  
box-shadow:4px 4px 4px 4px rgb(98, 33, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.2590, -2.5927, 38.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 33, 49) }
```

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

```
.background{ background-color: rgb(98, 33,  
49) }
```

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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