

Converting Colors

YUV(53.9170, -7.3541, 25.5058)

Have a look what the booklet for
YUV(53.9170, -7.3541, 25.5058)
contains.

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Color

**YUV(53.9170, -7.3541,
25.5058)**

Conversions

Conversions Part 1

Format	Color
Hex	532A27
RGB	83, 42, 39
RGB Percent	33%, 16%, 15%
CMY	0.6745, 0.8353, 0.8471
CMYK	0.00, 0.49, 0.53, 0.67
HSL	4°, 36%, 24%
HSV	4°, 53%, 33%
XYZ	4.7615, 3.6414, 2.3714
YIQ	53.9170, 25.3990, 7.7590

Conversions

Conversions Part 2

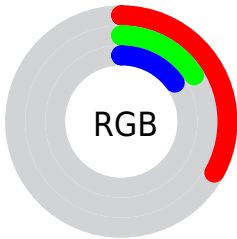
Format	Color
RYB	83, 42, 39
Decimal	5450279
CIELab	22.45, 18.59, 10.44
CIELCh	22, 21.322, 29.312
Yxy	3.6414, 0.4419, 0.3380
Android (android.graphics.Color)	4283640359 (0xFF532A27)
YUV	53.9170, -7.3541, 25.5058
Hunter-Lab	19.0825, 11.1449, 5.9898

Details

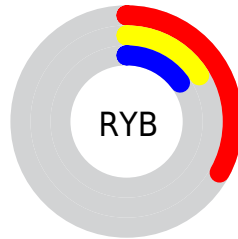
The YUV color **53.9170, -7.3541, 25.5058** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **68.0830, 7.3541, -25.5058**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.5970, -8.6753, 29.2944**, and **11.0630, -5.4541, 22.7467** is the 20% darker color. If you saturate the color by 10%, you get **48.3090, -8.5333, 30.4240**, and if you desaturate by 10%, it is **59.5250, -6.1748, 20.5876**.

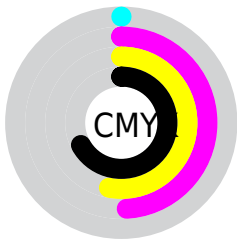
Distribution



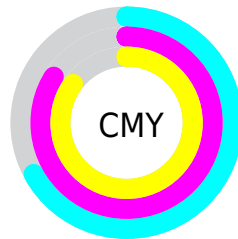
- Red (33%)
- Green (16%)
- Blue (15%)



- Red (33%)
- Yellow (16%)
- Blue (15%)



- Cyan (0%)
- Magenta (49%)
- Yellow (53%)
- Black (67%)



- Cyan (67%)
- Magenta (84%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.9170, -7.3541, 25.5058 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 53.9170, -7.3541, 25.5058 by changing the saturation by 10% instead.

■ 53.9170, -7.3541,
25.5058

■ 53.9170, -7.3541,
25.5058

■ 255.0000, 0.0000,
0.0000

■ 31.2480, -6.0383,
23.4615

■ 101.5970, -8.6753,
29.2944

■ 11.0630, -5.4541,
22.7467

■ 127.0810, -9.4069,
30.6240

■ 0.0000, 0.0000,
0.0000

■ 153.2660, -9.9911,
31.3387

■ 180.1630,
-10.4334, 33.1830

■ 207.7610,
-10.7282, 34.4126

■ 229.7810, -7.7800,

22.1171

250.1100, -3.5052,
4.2885

53.9170, -7.3541,
25.5058

53.9170, -7.3541,
25.5058

48.3090, -8.5333,
30.4240

59.5250, -6.1748,
20.5876

43.1740, -10.4388,
34.9274

64.6600, -4.2694,
16.0842

37.5660, -11.6180,
39.8456

70.2680, -3.0901,
11.1660

31.9580, -12.7973,
44.7638

75.8760, -1.9109,
6.2477

28.3390, -13.9711,
47.9377

81.5980, -0.2948,
1.2296

■ 86.6190, 1.1738,
-3.1739

■ 92.2270, 2.3531,
-8.0921

■ 97.8350, 3.5323,
-13.0103

■ 103.5570, 5.1484,
-18.0285

Harmonies

Analogous

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



54.8550, 0.0715, 23.8062



53.9170, -7.3541, 25.5058



53.3910, -13.0108, 19.8281

Triad

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



53.9170, -7.3541, 25.5058



47.8100, -5.3293, -17.3734



49.7490, 17.3787, -20.8279

Complementary

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



53.9170, -7.3541, 25.5058



68.0830, 7.3541, -25.5058

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.



43.8670, 18.3066, -38.4714



53.9170, -7.3541, 25.5058



42.4360, 5.2081, -37.2164

Square

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



53.9170, -7.3541, 25.5058



50.3620, -12.5035, -2.9485



43.6730, 12.4862, -38.3012



54.7300, 12.9511, -0.6402

Rectangle

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



53.9170, -7.3541, 25.5058



52.7770, -15.1731, 13.3506



43.6730, 12.4862, -38.3012



46.4380, 19.0111, -31.0791

Sweetspot

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



53.9170, -7.3541, 25.5058



95.6700, -2.7953, 9.9364



56.8300, 11.4228, 22.9511



46.8760, -1.9109, 6.2477



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



53.9170, -7.3541, 25.5058



61.6800, -11.1812, 39.7456



66.8310, -13.7207, 14.1802



38.1960, -0.5896, 2.4591



35.5040, -17.5035, 60.9480



78.7600, -38.8287, 134.3915

Inverse Universe

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



68.0830, 7.3541, -25.5058



83.7330, 11.4706, -39.2308



55.1690, 13.7207, -14.1802



39.8040, 0.5896, -2.4591



68.9090, 17.7929, -60.4332



153.2400, 38.8287, -134.3915

Previews

White Background



This preview shows how the YUV color 53.9170, -7.3541, 25.5058 looks on a white background.

Color Contrast Check

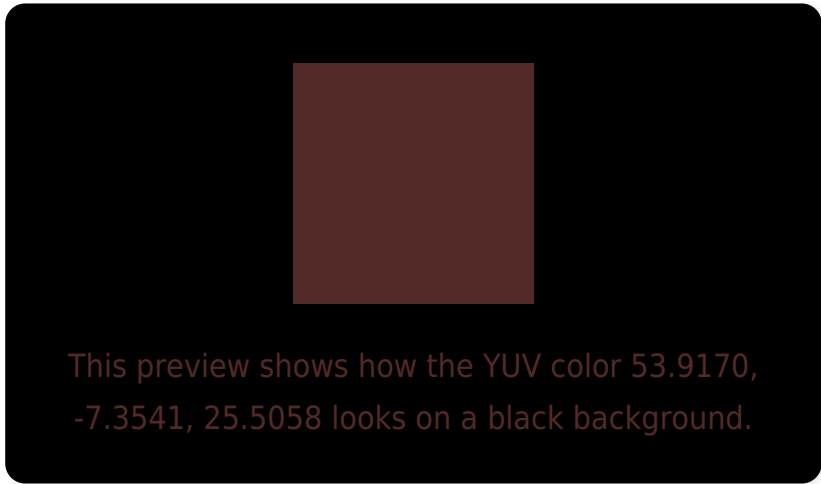
Large Text (above 18pt) WCAG AA ✓ Pass

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

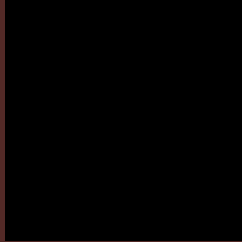
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.9170, -7.3541, 25.5058

Background



This preview shows how black text looks on a background with the YUV color 53.9170, -7.3541, 25.5058.

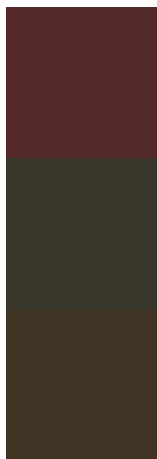


This preview shows how white text looks on a background with the YUV color 53.9170, -7.3541,

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

53.9170, -7.3541, 25.5058

Protanopia

53.7570, -4.8102, 2.8441

Deuteranopia

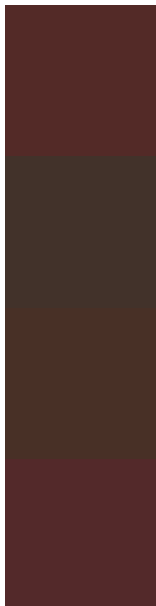
54.1770, -8.4683, 9.4918



Tritanopia

53.9000, -4.8807, 25.5207

Trichromacy



Original Color

53.9170, -7.3541, 25.5058

Protanomaly

53.8720, -5.8529, 10.6363

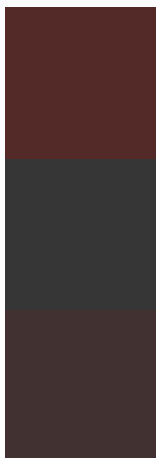
Deuteranomaly

54.0360, -7.9057, 15.7544

Tritanomaly

53.6720, -5.7543, 25.7207

Monochromacy



Original Color

53.9170, -7.3541, 25.5058

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.3710, -2.6479, 9.3216

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.9170, -7.3541, 25.5058 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(83, 42, 39)` looks like.

```
.text, #text, p{  
    color:rgb(83, 42, 39)  
}
```

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(83, 42, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 42, 39) }
```

Border

The CSS property to change the border of an element to YUV 53.9170, -7.3541, 25.5058 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(83, 42, 39) }
```


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

```
.border{ border-color:rgb(83, 42, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 42, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 42, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 42, 39);  
box-shadow:4px 4px 4px 4px rgb(83, 42, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.9170, -7.3541, 25.5058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 42, 39) }
```

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

```
.background{ background-color: rgb(83, 42,  
39) }
```

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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