

Converting Colors

YUV(53.5910, 14.0056, 34.5617)

Have a look what the booklet for
YUV(53.5910, 14.0056, 34.5617)
contains.

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Color

**YUV(53.5910, 14.0056,
34.5617)**

Conversions

Conversions Part 1

Format	Color
Hex	5D1C52
RGB	93, 28, 82
RGB Percent	36%, 11%, 32%
CMY	0.6353, 0.8902, 0.6784
CMYK	0.00, 0.70, 0.12, 0.64
HSL	310°, 54%, 24%
HSV	310°, 70%, 36%
XYZ	6.4524, 3.7669, 8.3696
YIQ	53.5910, 21.4060, 30.5740

Conversions

Conversions Part 2

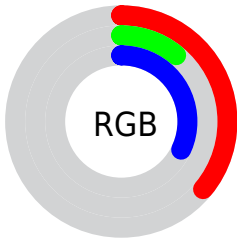
Format	Color
R_{YB}	93, 28, 82
Decimal	6102098
CIE _{Lab}	22.89, 36.36, -17.99
CIE _{LCh}	23, 40.570, 333.670
Yxy	3.7669, 0.3471, 0.2026
Android (android.graphics.Color)	4284292178 (0xFF5D1C52)
YUV	53.5910, 14.0056, 34.5617
Hunter-Lab	19.4084, 25.3788, -11.9822

Details

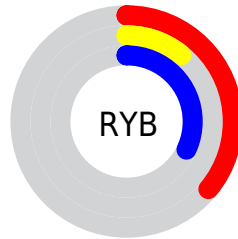
The YUV color **53.5910, 14.0056, 34.5617** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **67.4090, -14.0056, -34.5617**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.6020, 14.0002, 36.3060**, and **17.6730, 9.5282, 23.9658** is the 20% darker color. If you saturate the color by 10%, you get **48.0800, 15.7366, 39.3948**, and if you desaturate by 10%, it is **59.1020, 12.2747, 29.7285**.

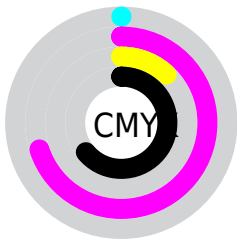
Distribution



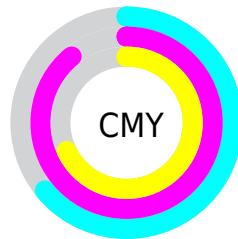
- Red (36%)
- Green (11%)
- Blue (32%)



- Red (36%)
- Yellow (11%)
- Blue (32%)



- Cyan (0%)
- Magenta (70%)
- Yellow (12%)
- Black (64%)



- Cyan (64%)
- Magenta (89%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.5910, 14.0056, 34.5617 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 53.5910, 14.0056, 34.5617 by changing the saturation by 10% instead.

■ 53.5910, 14.0056,
34.5617

■ 53.5910, 14.0056,
34.5617

■ 255.0000, 0.0000,
0.0000

■ 27.0580, 15.7474,
35.9061

■ 103.6020, 14.0002,
36.3060

■ 17.6730, 9.5282,
23.9658

■ 130.2000, 13.7054,
37.5356

■ 3.9880, 4.9359,
3.5185

■ 156.9120, 13.8474,
38.6652


■ 0.0000, 0.0000,
0.0000


■ 183.7380, 14.4262,
39.6948


■ 210.5530, 15.0104,
38.9800


■ 228.5850, 13.0226,


23.1660


 245.6080, 4.6303,
8.2368

 53.5910, 14.0056,
34.5617


 53.5910, 14.0056,
34.5617

 48.0800, 15.7366,
39.3948

 59.1020, 12.2747,
29.7285


 42.0960, 18.1937,
44.6428

 65.0860, 9.8176,
24.4806

 36.5850, 19.9246,
49.4760

 70.5970, 8.0867,
19.6474

 75.9940, 5.9190,
14.9143

 81.5050, 4.1880,
10.0811

■ 87.4890, 1.7309,
4.8331

■ 93.0000, 0.0000,
0.0000

■ 98.5110, -1.7309,
-4.8331

■ 104.4950, -4.1880,
-10.0811

Harmonies

Analogous

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



55.7270, 24.2916, 1.9934



53.5910, 14.0056, 34.5617



47.9000, 2.0213, 51.8307

Triad

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



53.5910, 14.0056, 34.5617



51.7200, -25.4980, 11.6466



49.9480, 18.7596, -43.8044

Complementary

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



53.5910, 14.0056, 34.5617



67.4090, -14.0056, -34.5617

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.



46.5280, 5.6557, -40.8051



53.5910, 14.0056, 34.5617



46.2610, -22.8067, -11.6299

Square

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



53.5910, 14.0056, 34.5617



50.9660, -25.1262, 32.4788



41.7060, -7.7431, -36.5762



50.5810, 28.8006, -44.3595

Rectangle

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



53.5910, 14.0056, 34.5617



48.2560, -8.0142, 50.6415



41.7060, -7.7431, -36.5762



48.8080, 14.3917, -42.8046

Sweetspot

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



53.5910, 14.0056, 34.5617



104.8690, 5.4876, 13.2699



38.6990, 26.7704, 0.2640



51.9670, 3.4673, 7.9219



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



53.5910, 14.0056, 34.5617



58.7750, 21.8029, 53.6943



49.9430, 0.0281, 37.7610



42.9510, 1.0102, 2.6740



43.2640, 23.5338, 58.5275



93.3210, 51.1137, 126.0065

Inverse Universe

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



53.5910, 14.0056, 34.5617



58.7750, 21.8029, 53.6943



71.0570, -0.0281, -37.7610



42.9510, 1.0102, 2.6740



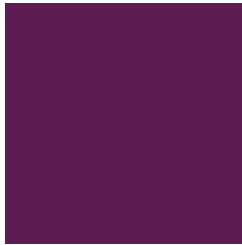
43.2640, 23.5338, 58.5275



93.3210, 51.1137, 126.0065

Previews

White Background



This preview shows how the YUV color 53.5910, 14.0056, 34.5617 looks on a white background.

Color Contrast Check

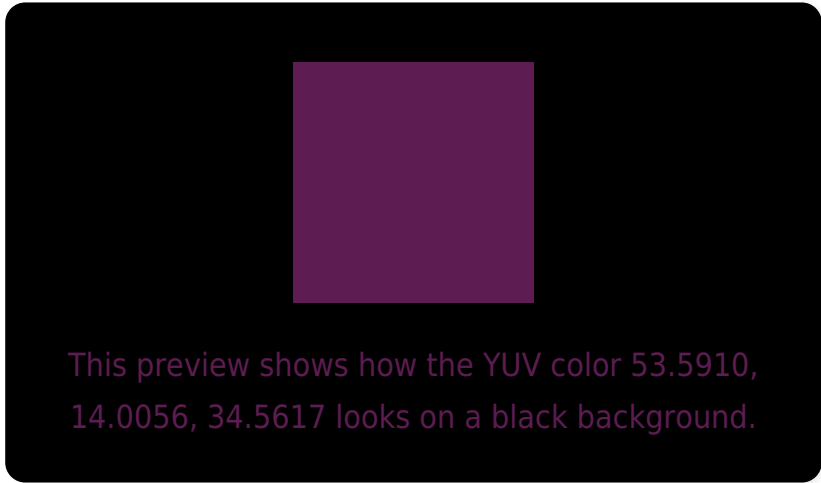
Large Text (above 18pt) WCAG AA ✓ Pass

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

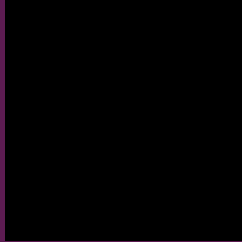
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.5910, 14.0056, 34.5617

Background



This preview shows how black text looks on a background with the YUV color 53.5910, 14.0056, 34.5617.



This preview shows how white text looks on a background with the YUV color 53.5910, 14.0056,

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

53.5910, 14.0056, 34.5617

Protanopia

52.3390, 25.9619, -20.4683

Deuteranopia

55.8280, 10.9308, -5.9882



Tritanopia

54.9930, -5.9125, 29.8241

Trichromacy



Original Color

53.5910, 14.0056, 34.5617

Protanomaly

53.0210, 21.6816, -0.8954

Deuteranomaly

54.8560, 11.9030, 8.8963

Tritanomaly

54.5400, 1.2128, 31.0984

Monochromacy



Original Color

53.5910, 14.0056, 34.5617

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.0430, 4.9088, 12.2403

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.5910, 14.0056, 34.5617 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(93, 28, 82)` looks like.

```
.text, #text, p{  
    color:rgb(93, 28, 82)  
}
```

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(93, 28, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 28, 82) }
```

Border

The CSS property to change the border of an element to YUV 53.5910, 14.0056, 34.5617 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(93, 28, 82) }
```


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

```
.border{ border-color:rgb(93, 28, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 28, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 28, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 28, 82);  
box-shadow:4px 4px 4px 4px rgb(93, 28, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.5910, 14.0056, 34.5617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 28, 82) }
```

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

```
.background{ background-color: rgb(93, 28,  
82) }
```

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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