

Converting Colors

YUV(53.4940, 11.0955, 34.6468)

Have a look what the booklet for
YUV(53.4940, 11.0955, 34.6468)
contains.

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Color

**YUV(53.4940, 11.0955,
34.6468)**

Conversions

Conversions Part 1

Format	Color
Hex	5D1D4C
RGB	93, 29, 76
RGB Percent	36%, 11%, 30%
CMY	0.6353, 0.8863, 0.7020
CMYK	0.00, 0.69, 0.18, 0.64
HSL	316°, 52%, 24%
HSV	316°, 69%, 36%
XYZ	6.2581, 3.7277, 7.2272
YIQ	53.4940, 23.0570, 28.1850

Conversions

Conversions Part 2

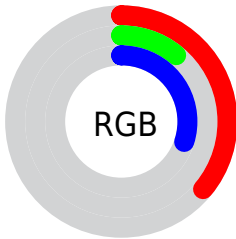
Format	Color
R_{YB}	93, 29, 76
Decimal	6102348
CIE _{Lab}	22.75, 34.87, -14.17
CIE _{LCh}	23, 37.643, 337.891
Yxy	3.7277, 0.3636, 0.2166
Android (android.graphics.Color)	4284292428 (0xFF5D1D4C)
YUV	53.4940, 11.0955, 34.6468
Hunter-Lab	19.3072, 24.0698, -8.6786

Details

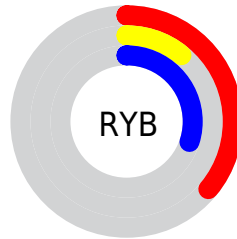
The YUV color **53.4940, 11.0955, 34.6468** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **68.5060, -11.0955, -34.6468**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.3910, 10.6532, 36.4911**, and **17.1030, 7.3442, 24.4657** is the 20% darker color. If you saturate the color by 10%, you get **47.9830, 12.8264, 39.4799**, and if you desaturate by 10%, it is **59.0050, 9.3645, 29.8136**.

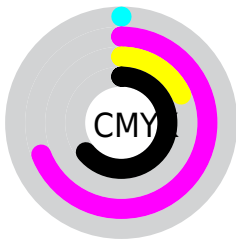
Distribution



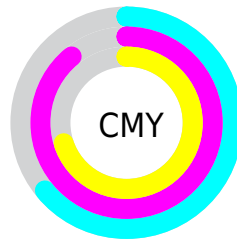
- Red (36%)
- Green (11%)
- Blue (30%)



- Red (36%)
- Yellow (11%)
- Blue (30%)



- Cyan (0%)
- Magenta (69%)
- Yellow (18%)
- Black (64%)





- Cyan (64%)
- Magenta (89%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YUV color 53.4940, 11.0955, 34.6468 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 53.4940, 11.0955, 34.6468 by changing the saturation by 10% instead.


 53.4940, 11.0955,
34.6468


 53.4940, 11.0955,
34.6468


255.0000, 0.0000,
0.0000


 27.5480, 12.5478,
35.4764

 103.3910, 10.6532,
36.4911


 17.1030, 7.3442,
24.4657


 129.4020, 10.6478,
38.2354

 2.8480, 0.5679,
4.5183

 156.1140, 10.7898,
39.3650

 0.0000, 0.0000,
0.0000

 183.4130, 10.6424,
39.9798

 210.2280, 11.2266,
39.2650

 229.1720, 12.7332,

22.6512

246.1950, 4.3409,
7.7220

53.4940, 11.0955,
34.6468

53.4940, 11.0955,
34.6468

47.9830, 12.8264,
39.4799

59.0050, 9.3645,
29.8136

41.7710, 14.4099,
44.9278

65.2170, 7.7810,
24.3657

36.2600, 16.1408,
49.7610

70.7280, 6.0501,
19.5325

35.5590, 15.9934,
50.3758

76.3530, 4.7560,
14.5994

81.8640, 3.0250,
9.7663

■ 88.0760, 1.4415,
4.3183

■ 93.5870, -0.2894,
-0.5148

■ 99.2120, -1.5835,
-5.4479

■ 105.3100, -3.6038,
-10.7959

Harmonies

Analogous

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



55.6630, 21.3651, 7.3115



53.4940, 11.0955, 34.6468



49.7700, -0.8726, 46.6827

Triad

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



53.4940, 11.0955, 34.6468



50.5240, -24.9083, 9.1875



48.7740, 19.3384, -42.7748

Complementary

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



53.4940, 11.0955, 34.6468



68.5060, -11.0955, -34.6468

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.



46.2830, 7.2555, -40.5902



53.4940, 11.0955, 34.6468



45.5920, -21.4909, -13.6742

Square

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



53.4940, 11.0955, 34.6468



51.5310, -25.4048, 28.4753



42.3900, -5.1223, -37.1760



49.0650, 28.0690, -43.0300

Rectangle

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



53.4940, 11.0955, 34.6468



50.3540, -10.0345, 45.2935



42.3900, -5.1223, -37.1760



48.4490, 15.5546, -42.4898

Sweetspot

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



53.4940, 11.0955, 34.6468



104.5270, 4.1772, 13.5698



41.0800, 25.5966, 3.4378



51.7390, 2.5937, 8.1219



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.



53.4940, 11.0955, 34.6468



58.2220, 17.1456, 54.1793



49.9600, -2.4453, 37.7461



42.9510, 1.0102, 2.6740



42.1240, 19.1659, 59.5273



90.6990, 41.0674, 128.3060

Inverse Universe

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



53.4940, 11.0955, 34.6468



58.2220, 17.1456, 54.1793



72.0400, 2.4453, -37.7461



42.9510, 1.0102, 2.6740



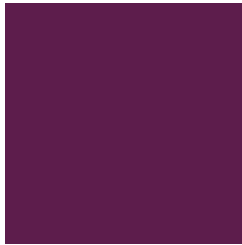
42.1240, 19.1659, 59.5273



90.6990, 41.0674, 128.3060

Previews

White Background



This preview shows how the YUV color 53.4940, 11.0955, 34.6468 looks on a white background.

Color Contrast Check

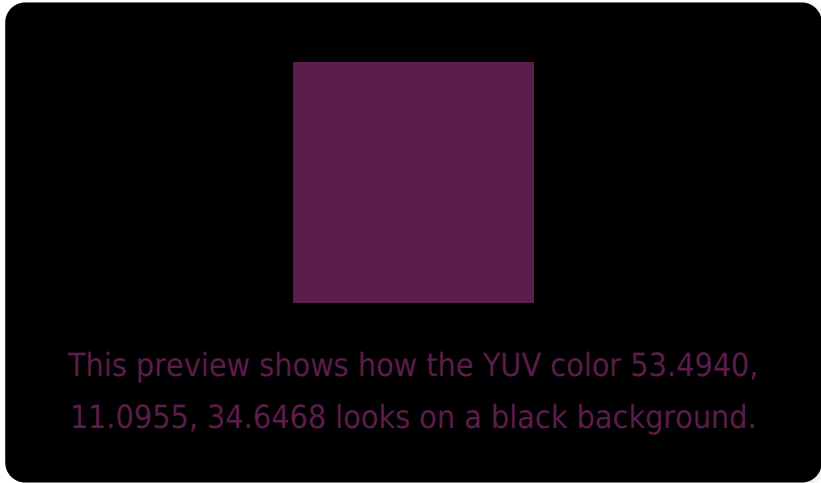
Large Text (above 18pt) WCAG AA ✓ Pass

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

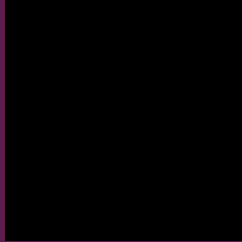
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.4940, 11.0955, 34.6468

Background



This preview shows how black text looks on a background with the YUV color 53.4940, 11.0955, 34.6468.



This preview shows how white text looks on a background with the YUV color 53.4940, 11.0955,

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

53.4940, 11.0955, 34.6468

Protanopia

53.7050, 20.8514, -14.6503

Deuteranopia

56.0410, 7.8678, -3.5440



Tritanopia

54.5910, -6.2074, 31.0537

Trichromacy



Original Color

53.4940, 11.0955, 34.6468

Protanomaly

53.6040, 17.4502, 2.9783

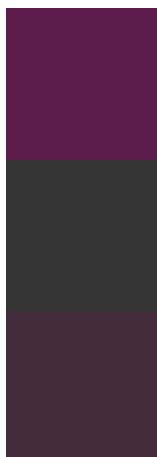
Deuteranomaly

55.3570, 8.6980, 10.2109

Tritanomaly

53.9100, 0.0444, 32.5279

Monochromacy



Original Color

53.4940, 11.0955, 34.6468

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.1140, 3.8878, 13.0550

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.4940, 11.0955, 34.6468 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, 29, 76)` looks like.

```
.text, #text, p{  
  color:rgb(93, 29, 76)  
}
```

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, 29, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 29, 76) }
```

Border

The CSS property to change the border of an element to YUV 53.4940, 11.0955, 34.6468 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, 29, 76) }
```


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

```
.border{ border-color:rgb(93, 29, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 29, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 29, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 29, 76);  
box-shadow:4px 4px 4px 4px rgb(93, 29, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.4940, 11.0955, 34.6468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 29, 76) }
```

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

```
.background{ background-color: rgb(93, 29,  
76) }
```

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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