

Converting Colors

YUV(55.5940, 19.4272, 22.2811)

Have a look what the booklet for
YUV(55.5940, 19.4272, 22.2811)
contains.

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Color

**YUV(55.5940, 19.4272,
22.2811)**

Conversions

Conversions Part 1

Format	Color
Hex	51235F
RGB	81, 35, 95
RGB Percent	32%, 14%, 37%
CMY	0.6824, 0.8627, 0.6275
CMYK	0.15, 0.63, 0.00, 0.63
HSL	286°, 46%, 25%
HSV	286°, 63%, 37%
XYZ	6.0599, 3.7776, 11.2362
YIQ	55.5940, 8.1560, 28.4120

Conversions

Conversions Part 2

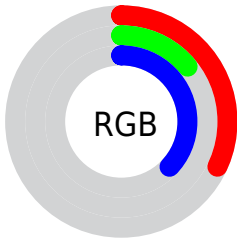
Format	Color
R_{YB}	81, 35, 95
Decimal	5317471
CIE _{Lab}	22.92, 31.98, -26.70
CIE _{LCh}	23, 41.662, 320.137
Yxy	3.7776, 0.2876, 0.1793
Android (android.graphics.Color)	4283507551 (0xFF51235F)
YUV	55.5940, 19.4272, 22.2811
Hunter-Lab	19.4361, 21.6409, -20.6710

Details

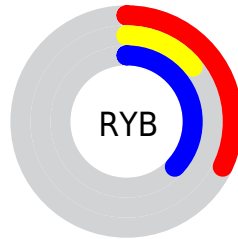
The YUV color **55.5940, 19.4272, 22.2811** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **74.4060, -19.4272, -22.2811**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.8330, 20.2953, 23.8255**, and **15.9370, 15.8071, 16.7183** is the 20% darker color. If you saturate the color by 10%, you get **49.1260, 22.6159, 26.1995**, and if you desaturate by 10%, it is **62.0620, 16.2384, 18.3626**.

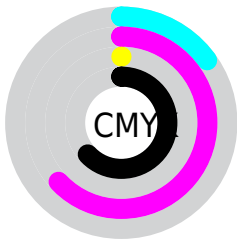
Distribution



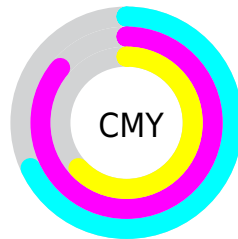
- Red (32%)
- Green (14%)
- Blue (37%)



- Red (32%)
- Yellow (14%)
- Blue (37%)



- Cyan (15%)
- Magenta (63%)
- Yellow (0%)
- Black (63%)



- Cyan (68%)
- Magenta (86%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.5940, 19.4272, 22.2811 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 55.5940, 19.4272, 22.2811 by changing the saturation by 10% instead.

■ 55.5940, 19.4272,
22.2811

■ 55.5940, 19.4272,
22.2811

■ 255.0000, 0.0000,
0.0000

■ 31.5940, 19.4272,
22.2811

■ 104.8330, 20.2953,
23.8255

■ 15.9370, 15.8071,
16.7183

■ 130.0720, 21.1635,
25.3699

■ 3.0780, 11.7935,
-2.6994

■ 156.4850, 21.4529,
25.8847

■ 0.0000, 0.0000,
0.0000


■ 184.1970, 21.5949,
27.0142


■ 211.4960, 21.4475,
27.6290


■ 231.5200, 11.5756,


20.5920


 248.5430, 3.1833,
5.6628


 55.5940, 19.4272,
22.2811


 55.5940, 19.4272,
22.2811


 49.1260, 22.6159,
26.1995

 62.0620, 16.2384,
18.3626


 43.2450, 25.5152,
29.6031


 67.9430, 13.3391,
14.9590

 36.4780, 28.8513,
32.9068

 74.7100, 10.0030,
11.6553

 32.6570, 30.7351,
35.3808

 80.5910, 7.1036,
8.2517

 87.0590, 3.9149,
4.3333

■ 92.9400, 1.0156,
0.9296

■ 99.7070, -2.3206,
-2.3740

■ 105.5880, -5.2199,
-5.7777

■ 112.0560, -8.4086,
-9.6961

Harmonies

Analogous

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



50.1090, 31.4983, -22.8976



55.5940, 19.4272, 22.2811



49.1860, 8.2893, 48.0719

Triad

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



55.5940, 19.4272, 22.2811



52.3730, -25.8199, 21.5979



48.4660, 13.0813, -42.5047

Complementary

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



55.5940, 19.4272, 22.2811



74.4060, -19.4272, -22.2811

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.



44.8180, -0.8963, -39.3054



55.5940, 19.4272, 22.2811



49.2840, -24.2970, -0.2491

Square

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



55.5940, 19.4272, 22.2811



49.8900, -23.1168, 41.3155



39.1810, -14.8792, -34.3617



50.9570, 25.1642, -44.6893

Rectangle

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



55.5940, 19.4272, 22.2811



47.2270, -0.6049, 54.1749



39.1810, -14.8792, -34.3617



47.3260, 8.7133, -41.5049

Sweetspot

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



55.5940, 19.4272, 22.2811



107.0040, 7.3930, 8.7665



50.0580, 22.1564, -13.2059



51.8850, 4.4937, 5.3629



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.



55.5940, 19.4272, 22.2811



61.1300, 30.0089, 34.9660



57.9560, 10.3747, 32.4876



45.3530, 1.3050, 1.4444



38.4820, 36.2444, 41.6733



82.3760, 77.7086, 89.1242

Inverse Universe

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



54.5360, -2.7292, 35.4869



59.3150, -4.0993, 54.9747



72.0440, -10.3747, -32.4876



45.3100, -0.1528, 2.3591



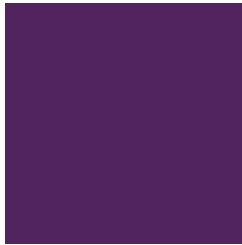
36.4520, -5.1528, 66.2556



78.1440, -10.9170, 141.9477

Previews

White Background



This preview shows how the YUV color 55.5940, 19.4272, 22.2811 looks on a white background.

Color Contrast Check

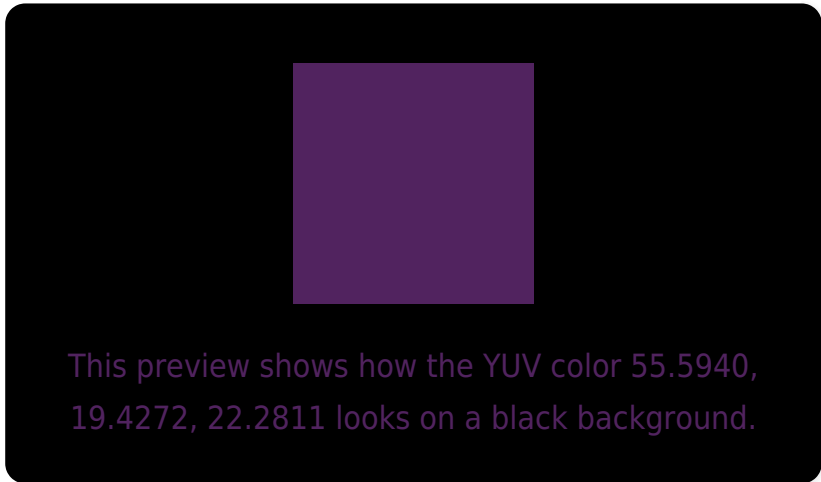
Large Text (above 18pt) WCAG AA ✓ Pass

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

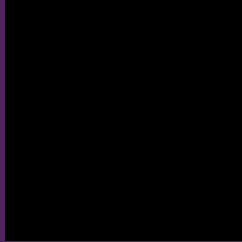
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.5940, 19.4272, 22.2811

Background



This preview shows how black text looks on a background with the YUV color 55.5940, 19.4272, 22.2811.



This preview shows how white text looks on a background with the YUV color 55.5940, 19.4272,

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

55.5940, 19.4272, 22.2811

Protanopia

46.4880, 33.2834, -35.5080

Deuteranopia

53.1130, 18.6783, -17.6391



Tritanopia

56.4150, -2.6696, 16.2990

Trichromacy



Original Color

55.5940, 19.4272, 22.2811

Protanomaly

49.6540, 28.2716, -14.6056

Deuteranomaly

53.6140, 18.9243, -3.1695

Tritanomaly

55.9020, 5.4713, 18.5029

Monochromacy



Original Color

55.5940, 19.4272, 22.2811

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.5910, 7.1036, 8.2517

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.5940, 19.4272, 22.2811 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(81, 35, 95)` looks like.

```
.text, #text, p{  
    color:rgb(81, 35, 95)  
}
```

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(81, 35, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 35, 95) }
```

Border

The CSS property to change the border of an element to YUV 55.5940, 19.4272, 22.2811 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(81, 35, 95) }
```


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

```
.border{ border-color:rgb(81, 35, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 35, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 35, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 35, 95);  
box-shadow:4px 4px 4px 4px rgb(81, 35, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.5940, 19.4272, 22.2811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 35, 95) }
```

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

```
.background{ background-color: rgb(81, 35,  
95) }
```

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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