

Converting Colors

YUV(39.5710, 4.1555, 20.5472)

Have a look what the booklet for
YUV(39.5710, 4.1555, 20.5472)
contains.

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Color

**YUV(39.5710, 4.1555,
20.5472)**

Conversions

Conversions Part 1

Format	Color
Hex	3F1A30
RGB	63, 26, 48
RGB Percent	25%, 10%, 19%
CMY	0.7529, 0.8980, 0.8118
CMYK	0.00, 0.59, 0.24, 0.75
HSL	324°, 42%, 17%
HSV	324°, 59%, 25%
XYZ	2.9528, 2.0090, 3.0284
YIQ	39.5710, 14.9900, 14.6860

Conversions

Conversions Part 2

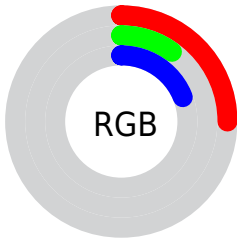
Format	Color
R_{YB}	63, 26, 48
Decimal	4135472
CIE Lab	15.53, 21.26, -6.23
CIE LCh	16, 22.152, 343.672
Yxy	2.0090, 0.3696, 0.2514
Android (android.graphics.Color)	4282325552 (0xFF3F1A30)
YUV	39.5710, 4.1555, 20.5472
Hunter-Lab	14.1737, 12.3826, -2.7466




Details

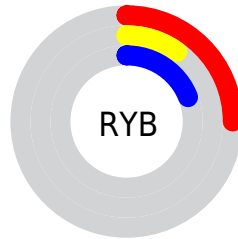
The YUV color **39.5710, 4.1555, 20.5472** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **49.4290, -4.1555, -20.5472**, and the grayscale version is **40.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **85.8810, 4.0027, 22.9064**, and **1.4950, -0.7370, 3.0739** is the 20% darker color. If you saturate the color by 10%, you get **35.7070, 4.5814, 23.9360**, and if you desaturate by 10%, it is **43.4350, 3.7295, 17.1585**.

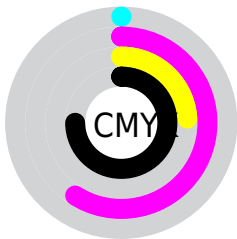
Distribution







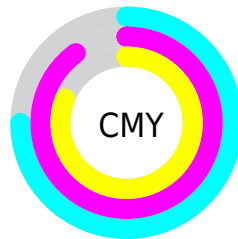
-  Red (25%)
-  Green (10%)
-  Blue (19%)






-  Red (25%)
-  Yellow (10%)
-  Blue (19%)



-  Cyan (0%)
-  Magenta (59%)
-  Yellow (24%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (90%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.5710, 4.1555, 20.5472 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 39.5710, 4.1555, 20.5472 by changing the saturation by 10% instead.

■ 39.5710, 4.1555,
20.5472

■ 39.5710, 4.1555,
20.5472

■ 255.0000, 0.0000,
0.0000

■ 16.7990, 5.0291,
20.3473

■ 85.8810, 4.0027,
22.9064

■ 1.4950, -0.7370,
3.0739

■ 110.5930, 4.1447,
24.0359

■ 0.0000, 0.0000,
0.0000

■ 136.1910, 3.8498,
25.2655

■ 162.6040, 4.1392,
25.7803

■ 189.9030, 3.9918,
26.3951

■ 217.6150, 4.1338,

27.5246

239.1510, 7.8136,
13.8996

39.5710, 4.1555,
20.5472

39.5710, 4.1555,
20.5472

35.7070, 4.5814,
23.9360

43.4350, 3.7295,
17.1585

31.3700, 5.7336,
27.7395

47.7720, 2.5774,
13.3550

27.5060, 6.1595,
31.1282

51.6360, 2.1515,
9.9662

23.7560, 7.0223,
34.4170

55.3860, 1.2887,
6.6775

23.0550, 6.8749,
35.0318

59.8370, 0.5734,
2.7740

■ 63.5870, -0.2894,
-0.5148

■ 67.4510, -0.7153,
-3.9035

■ 71.2010, -1.5781,
-7.1923

■ 75.6520, -2.2934,
-11.0958

Harmonies

Analogous

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



40.5030, 10.5980, 7.4519



39.5710, 4.1555, 20.5472



38.6550, -3.2809, 25.7356

Triad

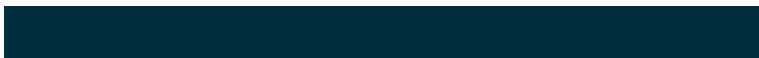
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.5710, 4.1555, 20.5472



35.9670, -16.7457, 4.4139



33.8420, 12.8959, -29.6794

Complementary

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



39.5710, 4.1555, 20.5472



49.4290, -4.1555, -20.5472

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.



32.2460, 6.7807, -28.2797



39.5710, 4.1555, 20.5472



34.4150, -9.5716, -10.0110

Square

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



39.5710, 4.1555, 20.5472



37.4460, -16.4889, 15.3949



30.3080, -0.6448, -26.5801



33.1070, 17.6952, -29.0348

Rectangle

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



39.5710, 4.1555, 20.5472



38.0910, -7.9329, 24.4762



30.3080, -0.6448, -26.5801



33.3860, 11.1487, -29.2795

Sweetspot

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



39.5710, 4.1555, 20.5472



72.5110, 1.7201, 8.3219



34.7030, 13.9504, 5.5225



35.2610, 0.8573, 5.0331



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



39.5710, 4.1555, 20.5472



45.2180, 6.3015, 32.2578



37.5190, -3.7069, 22.3468



29.0110, -0.0054, 1.7444



34.4900, 10.6044, 52.1903



81.4260, 24.9330, 123.2834

Inverse Universe

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



39.5710, 4.1555, 20.5472



45.2180, 6.3015, 32.2578



51.4810, 3.7069, -22.3468



29.0110, -0.0054, 1.7444



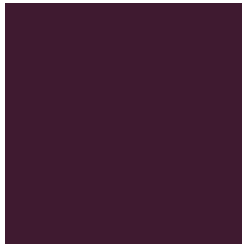
34.4900, 10.6044, 52.1903



81.4260, 24.9330, 123.2834

Previews

White Background



This preview shows how the YUV color 39.5710, 4.1555, 20.5472 looks on a white background.

Color Contrast Check

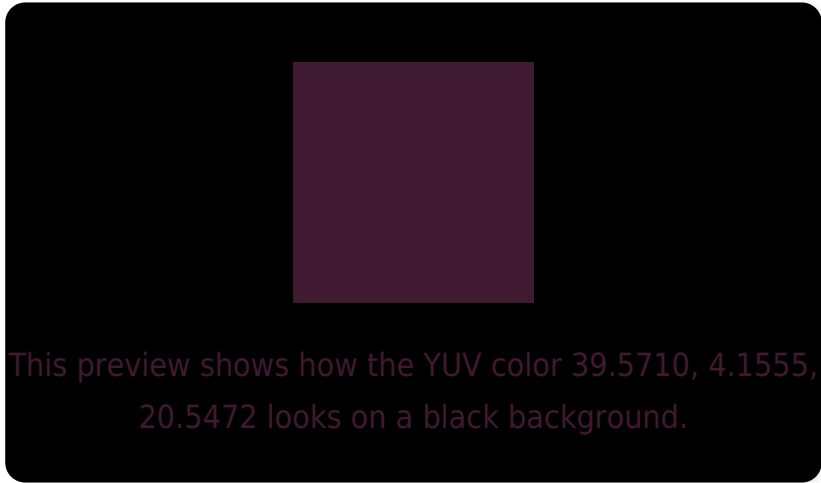
Large Text (above 18pt) WCAG AA ✓ Pass

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

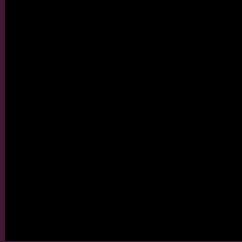
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.5710, 4.1555, 20.5472

Background



This preview shows how black text looks on a background with the YUV color 39.5710, 4.1555, 20.5472.



This preview shows how white text looks on a background with the YUV color 39.5710, 4.1555,

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

39.5710, 4.1555, 20.5472

Protanopia

39.5570, 8.5994, -4.8735

Deuteranopia

40.3960, 2.7628, 0.5297



Tritanopia

39.7960, -3.8434, 19.4729

Trichromacy



Original Color

39.5710, 4.1555, 20.5472

Protanomaly

39.5690, 7.1145, 4.7630

Deuteranomaly

39.9670, 3.4673, 7.9219

Tritanomaly

39.8930, -0.9332, 19.3878

Monochromacy



Original Color

39.5710, 4.1555, 20.5472

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.7990, 1.5781, 7.1923

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.5710, 4.1555, 20.5472 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(63, 26, 48)` looks like.

```
.text, #text, p{  
    color:rgb(63, 26, 48)  
}
```

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(63, 26, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 26, 48) }
```

Border

The CSS property to change the border of an element to YUV 39.5710, 4.1555, 20.5472 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(63, 26, 48) }
```


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

```
.border{ border-color:rgb(63, 26, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 26, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 26, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 26, 48);  
box-shadow:4px 4px 4px 4px rgb(63, 26, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.5710, 4.1555, 20.5472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 26, 48) }
```

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

```
.background{ background-color: rgb(63, 26,  
48) }
```

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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