

Converting Colors

YUV(39.5950, 34.7097, 20.5262)

Have a look what the booklet for
YUV(39.5950, 34.7097, 20.5262)
contains.

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Color

**YUV(39.5950, 34.7097,
20.5262)**

Conversions

Conversions Part 1

Format	Color
Hex	3F0E6E
RGB	63, 14, 110
RGB Percent	25%, 5%, 43%
CMY	0.7529, 0.9451, 0.5686
CMYK	0.43, 0.87, 0.00, 0.57
HSL	271°, 77%, 24%
HSV	271°, 87%, 43%
XYZ	5.0214, 2.4966, 14.9691
YIQ	39.5950, -1.6120, 40.2440

Conversions

Conversions Part 2

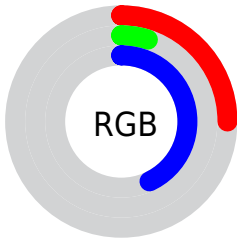
Format	Color
RYB	63, 14, 110
Decimal	4132462
CIELab	17.90, 41.48, -44.77
CIELCh	18, 61.031, 312.816
Yxy	2.4966, 0.2233, 0.1110
Android (android.graphics.Color)	4282322542 (0xFF3F0E6E)
YUV	39.5950, 34.7097, 20.5262
Hunter-Lab	15.8007, 29.0754, -45.1089

Details

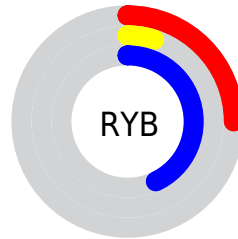
The YUV color **39.5950, 34.7097, 20.5262** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **84.4050, -34.7097, -20.5262**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.8340, 35.5778, 22.0706**, and **10.5420, 24.8758, 1.2787** is the 20% darker color. If you saturate the color by 10%, you get **31.6430, 38.6300, 23.1151**, and if you desaturate by 10%, it is **47.5470, 30.7893, 17.9373**.

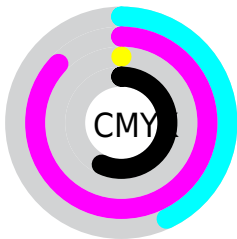
Distribution



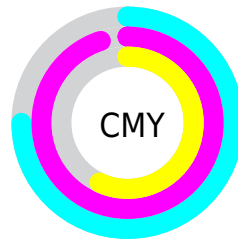
- Red (25%)
- Green (5%)
- Blue (43%)



- Red (25%)
- Yellow (5%)
- Blue (43%)



- Cyan (43%)
- Magenta (87%)
- Yellow (0%)
- Black (57%)



- Cyan (75%)
- Magenta (95%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.5950, 34.7097, 20.5262 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 39.5950, 34.7097, 20.5262 by changing the saturation by 10% instead.

■ 39.5950, 34.7097,
20.5262

■ 39.5950, 34.7097,
20.5262

■ 253.8260, 0.5788,
1.0296

■ 20.4540, 31.8212,
13.6338

■ 90.8340, 35.5778,
22.0706

■ 10.5420, 24.8758,
1.2787

■ 116.6600, 36.1566,
23.1002

■ 6.0930, 15.7302,
-5.3436

■ 143.4860, 36.7354,
24.1298

■ 2.2970, 6.2626,
-2.0145

■ 170.4260, 37.7510,
25.0594


■ 0.0000, 0.0000,
0.0000


■ 195.8580, 29.1570,
28.1885


■ 219.7800, 17.3635,


30.8879


 236.8030, 8.9711,
15.9588


 39.5950, 34.7097,
20.5262

 39.5950, 34.7097,
20.5262


 31.6430, 38.6300,
23.1151


 47.5470, 30.7893,
17.9373

 29.2840, 39.7930,
23.4299

 55.7980, 26.7216,
15.9632

 63.7500, 22.8013,
13.3743

 72.0010, 18.7335,
11.4001

 79.9530, 14.8132,
8.8112

■ 87.9050, 10.8928,
6.2223

■ 96.1560, 6.8251,
4.2482

■ 104.1080, 2.9048,
1.6593

■ 112.0600, -1.0156,
-0.9296

Harmonies

Analogous

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



41.5770, 45.0715, -36.4630



39.5950, 34.7097, 20.5262



39.4890, 15.5349, 57.4531

Triad

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



39.5950, 34.7097, 20.5262



41.2090, -20.3160, 29.6347



42.2880, 9.7180, -37.0866

Complementary

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



39.5950, 34.7097, 20.5262



84.4050, -34.7097, -20.5262

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.



35.7560, -10.2327, -31.3580



39.5950, 34.7097, 20.5262



39.5380, -19.4922, -1.3488

Square

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



39.5950, 34.7097, 20.5262



30.4980, -15.0355, 62.7073



32.2850, -15.9165, -28.3139



47.0760, 28.0635, -41.2857

Rectangle

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



39.5950, 34.7097, 20.5262



38.8740, 1.5411, 65.8855



32.2850, -15.9165, -28.3139



39.9910, 3.4554, -35.0721

Sweetspot

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



39.5950, 34.7097, 20.5262



115.8990, 13.3608, 7.9816



53.1200, 28.0418, -34.3082



55.0960, 7.8407, 5.1778



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



39.5950, 34.7097, 20.5262



38.1290, 51.7014, 30.5819



53.6480, 27.7815, 49.4207



51.5810, 2.1786, 1.2445



31.9190, 43.4239, 25.5040



65.8320, 89.3158, 52.7673

Inverse Universe

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



48.0620, 6.3784, 54.3196



50.7370, 9.4967, 80.9147



70.3520, -27.7815, -49.4207



52.1360, 0.4260, 3.3887



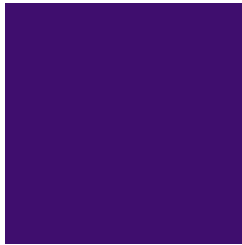
42.6060, 8.0822, 67.8745



87.6470, 16.4430, 139.7526

Previews

White Background



This preview shows how the YUV color 39.5950, 34.7097, 20.5262 looks on a white background.

Color Contrast Check

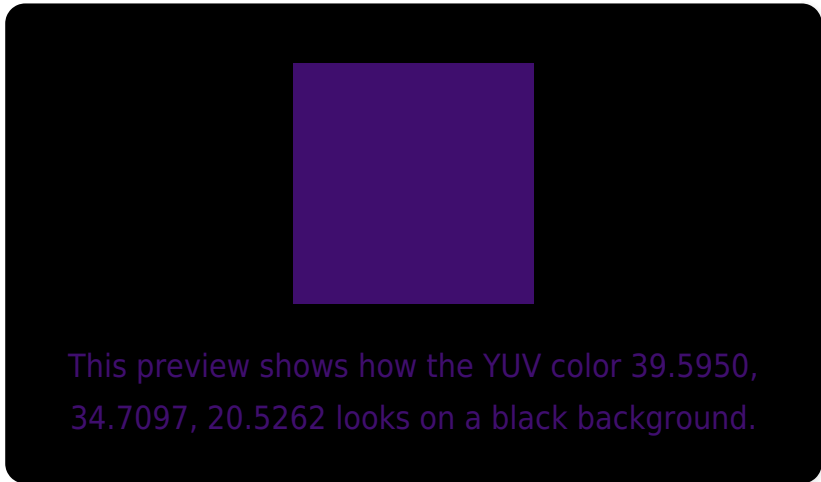
Large Text (above 18pt) WCAG AA ✓ Pass

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

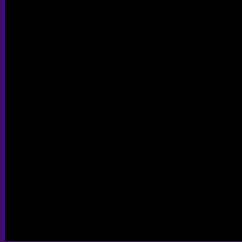
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.5950, 34.7097, 20.5262

Background



This preview shows how black text looks on a background with the YUV color 39.5950, 34.7097, 20.5262.



This preview shows how white text looks on a background with the YUV color 39.5950, 34.7097,

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

39.5950, 34.7097, 20.5262

Protanopia

36.4300, 27.8890, -31.9491

Deuteranopia

36.7090, 21.3425, -32.1938



Tritanopia

45.9510, 1.0102, 2.6740

Trichromacy



Original Color

39.5950, 34.7097, 20.5262

Protanomaly

37.5340, 30.3027, -12.7463

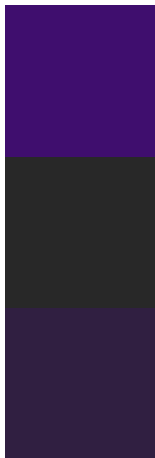
Deuteranomaly

37.7960, 26.2296, -12.9761

Tritanomaly

43.6110, 13.5028, 9.1112

Monochromacy



Original Color

39.5950, 34.7097, 20.5262

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.9590, 12.3452, 7.0520

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.5950, 34.7097, 20.5262 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, 14, 110)` looks like.

```
.text, #text, p{  
    color:rgb(63, 14, 110)  
}
```

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, 14, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 14, 110) }
```

Border

The CSS property to change the border of an element to YUV 39.5950, 34.7097, 20.5262 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, 14, 110) }
```


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

```
.border{ border-color:rgb(63, 14, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 14, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 14, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 14, 110);  
box-shadow:4px 4px 4px 4px rgb(63, 14,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 39.5950, 34.7097, 20.5262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 14, 110) }
```

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

```
.background{ background-color: rgb(63, 14,  
110) }
```

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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