

Converting Colors

YUV(44.3970, -8.5767, 44.3788)

Have a look what the booklet for
YUV(44.3970, -8.5767, 44.3788)
contains.

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Color

**YUV(44.3970, -8.5767,
44.3788)**

Conversions

Conversions Part 1

Format	Color
Hex	5F161B
RGB	95, 22, 27
RGB Percent	37%, 9%, 11%
CMY	0.6275, 0.9137, 0.8941
CMYK	0.00, 0.77, 0.72, 0.63
HSL	356°, 62%, 23%
HSV	356°, 77%, 37%
XYZ	5.2041, 3.0858, 1.3583
YIQ	44.3970, 41.9030, 17.0310

Conversions

Conversions Part 2

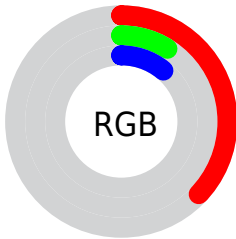
Format	Color
RYB	95, 22, 27
Decimal	6231579
CIELab	20.38, 33.03, 16.35
CIElCh	20, 36.856, 26.331
Yxy	3.0858, 0.5394, 0.3198
Android (android.graphics.Color)	4284421659 (0xFF5F161B)
YUV	44.3970, -8.5767, 44.3788
Hunter-Lab	17.5666, 22.1387, 7.7123

Details

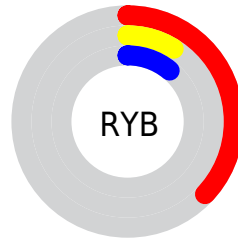
The YUV color **44.3970, -8.5767, 44.3788** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **72.6030, 8.5767, -44.3788**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.5070, -12.0820, 48.6674**, and **13.8680, -6.3439, 28.1798** is the 20% darker color. If you saturate the color by 10%, you get **38.0880, -9.9034, 49.9118**, and if you desaturate by 10%, it is **51.2930, -7.5394, 38.3310**.

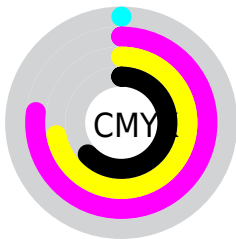
Distribution



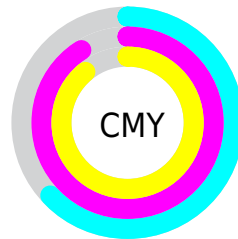
- Red (37%)
- Green (9%)
- Blue (11%)



- Red (37%)
- Yellow (9%)
- Blue (11%)



- Cyan (0%)
- Magenta (77%)
- Yellow (72%)
- Black (63%)



- Cyan (63%)
- Magenta (91%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.3970, -8.5767, 44.3788 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 44.3970, -8.5767, 44.3788 by changing the saturation by 10% instead.

■ 44.3970, -8.5767,
44.3788

■ 44.3970, -8.5767,
44.3788

255.0000, 0.0000,
0.0000

■ 20.6310, -10.1711,
42.4196

■ 94.5070, -12.0820,
48.6674

■ 13.8680, -6.3439,
28.1798

■ 120.5890,
-13.1084, 51.2264

■ 0.0000, 0.0000,
0.0000

■ 147.2580,
-14.4242, 53.2707

■ 174.1550,
-14.8664, 55.1151

■ 198.4640,
-13.5398, 49.5821

■ 217.9780, -9.8492,

32.4683

238.1930, -6.0111,
14.7397

44.3970, -8.5767,
44.3788

44.3970, -8.5767,
44.3788

38.0880, -9.9034,
49.9118

51.2930, -7.5394,
38.3310

31.1920, -10.9407,
55.9596

57.6020, -6.2128,
32.7980

29.2030, -10.9461,
57.7040

64.4980, -5.1755,
26.7503

70.6930, -4.2856,
21.3172

77.5890, -3.2484,
15.2694

■ 83.8980, -1.9217,
9.7365

■ 90.7940, -0.8844,
3.6887

■ 97.1030, 0.4422,
-1.8443

■ 103.9990, 1.4795,
-7.8921

Harmonies

Analogous

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



44.8280, 4.5218, 43.1238



44.3970, -8.5767, 44.3788



45.6610, -22.5109, 33.6233

Triad

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



44.3970, -8.5767, 44.3788



36.5710, -9.6485, -32.0728



43.5540, 29.7999, -38.1969

Complementary

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



44.3970, -8.5767, 44.3788



72.6030, 8.5767, -44.3788

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.



45.3490, 23.9849, -39.7711



44.3970, -8.5767, 44.3788



40.9370, 2.0031, -35.9017

Square

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



44.3970, -8.5767, 44.3788



43.3590, -21.3760, -3.8228



44.0150, 13.7966, -38.6012



48.3730, 24.4661, -7.3431

Rectangle

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



44.3970, -8.5767, 44.3788



46.7690, -23.0571, 22.1276



44.0150, 13.7966, -38.6012



44.5000, 28.3475, -39.0265

Sweetspot

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



44.3970, -8.5767, 44.3788



102.6000, -3.2538, 17.0138



50.3550, 22.0100, 33.8917



49.1970, -2.0691, 10.3512



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.



44.3970, -8.5767, 44.3788



44.4000, -13.0152, 68.0552



61.4370, -19.4424, 29.4348



45.1960, -0.5896, 2.4591



34.4000, -13.0152, 68.0552



73.5840, -28.3889, 145.9468

Inverse Universe

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



44.3970, -8.5767, 44.3788



44.4000, -13.0152, 68.0552



55.5630, 19.4424, -29.4348



45.1960, -0.5896, 2.4591



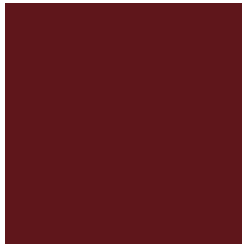
34.4000, -13.0152, 68.0552



73.5840, -28.3889, 145.9468

Previews

White Background



This preview shows how the YUV color 44.3970, -8.5767, 44.3788 looks on a white background.

Color Contrast Check

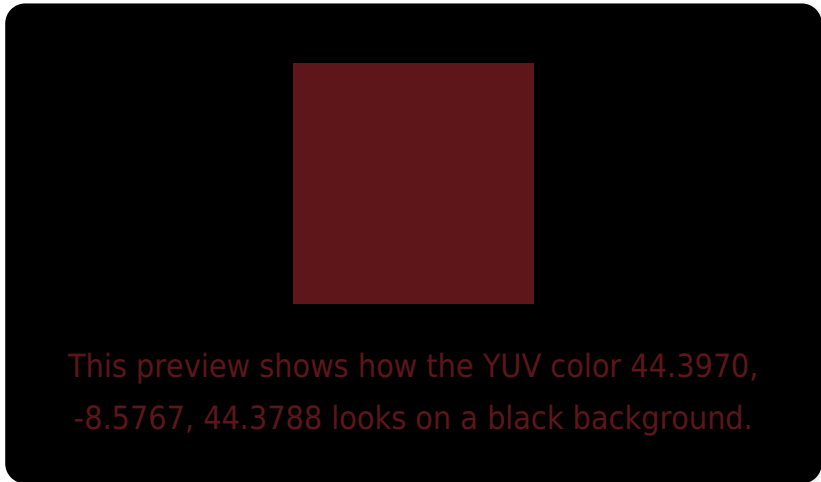
Large Text (above 18pt) WCAG AA ✓ Pass

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

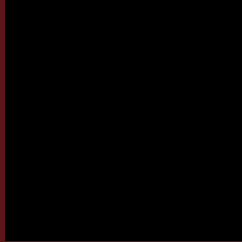
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.3970, -8.5767, 44.3788

Background



This preview shows how black text looks on a background with the YUV color 44.3970, -8.5767, 44.3788.

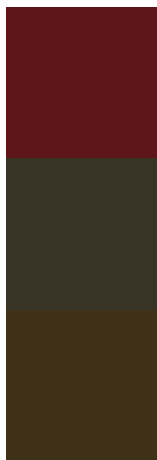


This preview shows how white text looks on a background with the YUV color 44.3970, -8.5767,

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

44.3970, -8.5767, 44.3788

Protanopia

50.6000, -6.7048, 3.8588

Deuteranopia

50.2220, -13.4204, 11.2063



Tritanopia

44.5280, -10.6133, 44.2639

Trichromacy



Original Color

44.3970, -8.5767, 44.3788

Protanomaly

48.1720, -7.4798, 19.1432

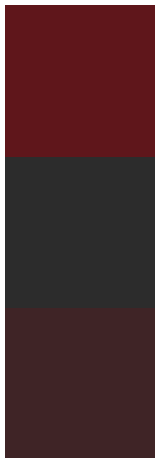
Deuteranomaly

48.0540, -11.8586, 23.6316

Tritanomaly

44.6420, -10.1765, 44.1640

Monochromacy



Original Color

44.3970, -8.5767, 44.3788

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.3010, -3.1064, 16.3990

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.3970, -8.5767, 44.3788 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(95, 22, 27)` looks like.

```
.text, #text, p{  
    color:rgb(95, 22, 27)  
}
```

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(95, 22, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 22, 27) }
```

Border

The CSS property to change the border of an element to YUV 44.3970, -8.5767, 44.3788 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(95, 22, 27) }
```


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

```
.border{ border-color:rgb(95, 22, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 22, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 22, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 22, 27);  
box-shadow:4px 4px 4px 4px rgb(95, 22, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.3970, -8.5767, 44.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 22, 27) }
```

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

```
.background{ background-color: rgb(95, 22,  
27) }
```

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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