

Converting Colors

YUV(79.7410, -13.6763,
46.7081)

Have a look what the booklet for
YUV(79.7410, -13.6763, 46.7081)
contains.

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Color

**YUV(79.7410, -13.6763,
46.7081)**

Conversions

Conversions Part 1

Format	Color
Hex	853A34
RGB	133, 58, 52
RGB Percent	52%, 23%, 20%
CMY	0.4784, 0.7725, 0.7961
CMYK	0.00, 0.56, 0.61, 0.48
HSL	4°, 44%, 36%
HSV	4°, 61%, 52%
XYZ	11.8058, 8.2606, 4.2210
YIQ	79.7410, 46.6260, 14.0340

Conversions

Conversions Part 2

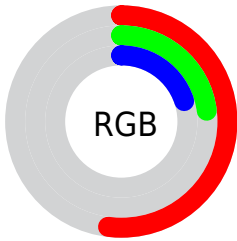
Format	Color
R_{YB}	133, 58, 52
Decimal	8731188
CIE _{Lab}	34.52, 31.71, 19.41
CIE _{LCh}	35, 37.185, 31.474
Yxy	8.2606, 0.4861, 0.3401
Android (android.graphics.Color)	4286921268 (0xFF853A34)
YUV	79.7410, -13.6763, 46.7081
Hunter-Lab	28.7412, 23.0235, 11.4113

Details

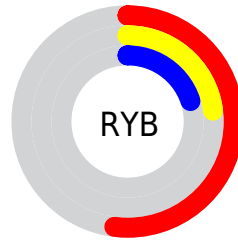
The YUV color **79.7410, -13.6763, 46.7081** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **105.2590, 13.6763, -46.7081**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.4920, -16.0186, 51.3115**, and **28.6420, -10.1765, 44.1640** is the 20% darker color. If you saturate the color by 10%, you get **71.2150, -15.8820, 54.1854**, and if you desaturate by 10%, it is **88.2670, -11.4706, 39.2308**.

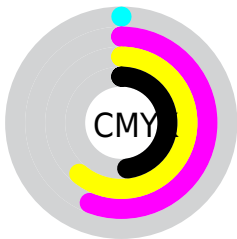
Distribution



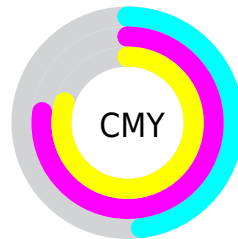
- Red (52%)
- Green (23%)
- Blue (20%)



- Red (52%)
- Yellow (23%)
- Blue (20%)



- Cyan (0%)
- Magenta (56%)
- Yellow (61%)
- Black (48%)



- Cyan (48%)
- Magenta (77%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.7410, -13.6763, 46.7081 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 79.7410, -13.6763, 46.7081 by changing the saturation by 10% instead.

■ 79.7410, -13.6763,
46.7081

■ 79.7410, -13.6763,
46.7081

■ 255.0000, 0.0000,
0.0000

■ 54.8870, -11.7763,
43.9491

■ 131.4920,
-16.0186, 51.3115

■ 28.6420, -10.1765,
44.1640

■ 158.1610,
-17.3344, 53.3558

■ 15.8470, -7.8126,
32.5832

■ 185.3570,
-17.9240, 55.8149

■ 5.6810, -2.8007,
11.6808

■ 206.6650,
-15.1178, 42.3898

■ 0.0000, 0.0000,
0.0000

■ 226.1790,
-11.4272, 25.2760

■ 245.9210, -6.8631,

7.9623

■ 79.7410, -13.6763,
46.7081

■ 79.7410, -13.6763,
46.7081

■ 71.2150, -15.8820,
54.1854

■ 88.2670, -11.4706,
39.2308

■ 61.9880, -18.2351,
62.2775

■ 97.4940, -9.1175,
31.1388

■ 53.4620, -20.4408,
69.7548

■ 106.0200, -6.9119,
23.6615

■ 45.6370, -22.4990,
76.6174

■ 114.5460, -4.7062,
16.1842

■ 123.7730, -2.3531,
8.0921

■ 132.2990, -0.1474,
0.6148

■ 140.8250, 2.0583,
-6.8625

■ 149.9380, 3.9746,
-14.8546

■ 158.5780, 6.6170,
-22.4319

Harmonies

Analogous

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



80.9980, 0.0010, 46.4828



79.7410, -13.6763, 46.7081



79.2760, -25.2791, 34.8379

Triad

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



79.7410, -13.6763, 46.7081



66.2000, -7.0006, -41.3944



65.8660, 36.5481, -56.0105

Complementary

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



79.7410, -13.6763, 46.7081



105.2590, 13.6763, -46.7081

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.



68.5790, 31.7596, -60.1438



79.7410, -13.6763, 46.7081



65.1130, 8.3253, -57.1041

Square

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



79.7410, -13.6763, 46.7081



74.4680, -23.4017, -7.4264



68.4190, 20.9924, -60.0035



83.0150, 24.1496, 0.8638

Rectangle

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



79.7410, -13.6763, 46.7081



78.3470, -29.7511, 22.4977



68.4190, 20.9924, -60.0035



67.0290, 35.9747, -58.7844

Sweetspot

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



79.7410, -13.6763, 46.7081



153.0300, -5.4378, 17.5137



84.8830, 21.2567, 42.1986



74.2680, -3.0901, 11.1660



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



79.7410, -13.6763, 46.7081



89.9570, -21.1778, 72.8287



103.2210, -25.2520, 26.1162



61.7940, -0.8844, 3.6887



44.7400, -22.0568, 74.7730



0.8970, -0.4422, 1.8443

Inverse Universe

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



105.2590, 13.6763, -46.7081



130.0430, 21.1778, -72.8287



81.7790, 25.2520, -26.1162



64.2060, 0.8844, -3.6887



85.2600, 22.0568, -74.7730



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 79.7410, -13.6763, 46.7081 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



This preview shows how the YUV color 79.7410, -13.6763, 46.7081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

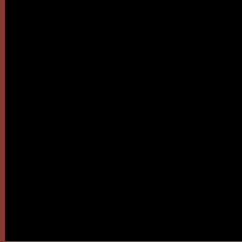
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.7410, -13.6763, 46.7081

Background



This preview shows how black text looks on a background with the YUV color 79.7410, -13.6763, 46.7081.

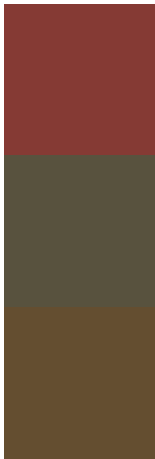


This preview shows how white text looks on a background with the YUV color 79.7410, -13.6763,

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

79.7410, -13.6763, 46.7081

Protanopia

81.5140, -9.6204, 5.6882

Deuteranopia

81.1580, -16.3469, 16.5244



Tritanopia

80.1800, -9.4557, 46.3231

Trichromacy



Original Color

79.7410, -13.6763, 46.7081

Protanomaly

80.5590, -11.1216, 20.5578

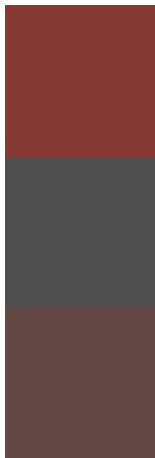
Deuteranomaly

80.7510, -15.6532, 27.4054

Tritanomaly

79.8380, -10.7661, 46.6231

Monochromacy



Original Color

79.7410, -13.6763, 46.7081

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.8450, -4.8536, 16.7989

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.7410, -13.6763, 46.7081 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(133, 58, 52)` looks like.

```
.text, #text, p{  
    color:rgb(133, 58, 52)  
}
```

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(133, 58, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 58, 52) }
```

Border

The CSS property to change the border of an element to YUV 79.7410, -13.6763, 46.7081 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(133, 58, 52) }
```


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

```
.border{ border-color:rgb(133, 58, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 58, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 58, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 58, 52);  
box-shadow:4px 4px 4px 4px rgb(133, 58,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 79.7410, -13.6763, 46.7081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 58, 52) }
```

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

```
.background{ background-color: rgb(133, 58,  
52) }
```

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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