

Converting Colors

YUV(78.1590, -14.3754,
37.5716)

Have a look what the booklet for
YUV(78.1590, -14.3754, 37.5716)
contains.

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Color

**YUV(78.1590, -14.3754,
37.5716)**

Conversions

Conversions Part 1

Format	Color
Hex	793E31
RGB	121, 62, 49
RGB Percent	47%, 24%, 19%
CMY	0.5255, 0.7569, 0.8078
CMYK	0.00, 0.49, 0.60, 0.53
HSL	11°, 42%, 33%
HSV	11°, 60%, 47%
XYZ	10.1622, 7.7319, 3.8625
YIQ	78.1590, 39.3370, 8.4650

Conversions

Conversions Part 2

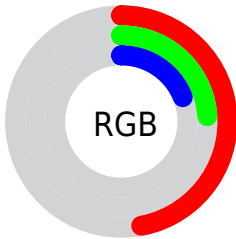
Format	Color
R_{YB}	121, 65, 49
Decimal	7945777
CIE Lab	33.42, 24.30, 19.49
CIE LCh	33, 31.151, 38.727
Yxy	7.7319, 0.4671, 0.3554
Android (android.graphics.Color)	4286135857 (0xFF793E31)
YUV	78.1590, -14.3754, 37.5716
Hunter-Lab	27.8064, 16.5737, 11.2286

Details

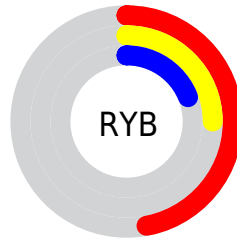
The YUV color **78.1590, -14.3754, 37.5716** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **91.8410, 14.3754, -37.5716**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.6110, -16.5702, 41.5602**, and **30.3650, -13.4909, 33.8829** is the 20% darker color. If you saturate the color by 10%, you get **70.9210, -16.7231, 43.9193**, and if you desaturate by 10%, it is **85.3970, -12.0277, 31.2238**.

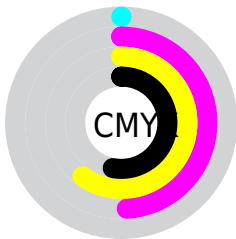
Distribution



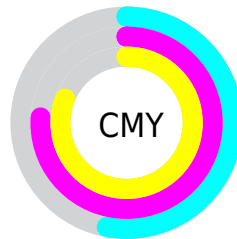
- Red (47%)
- Green (24%)
- Blue (19%)



- Red (47%)
- Yellow (25%)
- Blue (19%)



- Cyan (0%)
- Magenta (49%)
- Yellow (60%)
- Black (53%)



- Cyan (53%)
- Magenta (76%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.1590, -14.3754, 37.5716 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 78.1590, -14.3754, 37.5716 by changing the saturation by 10% instead.

■ 78.1590, -14.3754,
37.5716

■ 78.1590, -14.3754,
37.5716

■ 255.0000, 0.0000,
0.0000

■ 54.1910, -12.9122,
34.9125

■ 128.6110,
-16.5702, 41.5602

■ 30.3650, -13.4909,
33.8829

■ 154.8070,
-17.1599, 44.0193

■ 13.1560, -6.4859,
27.0502

■ 182.2910,
-17.8915, 45.3488

■ 0.0000, 0.0000,
0.0000

■ 207.4970,
-17.0070, 41.6601

■ 227.0110,
-13.3164, 24.5464

■ 247.2260, -9.4784,

6.8178

■ 78.1590, -14.3754,
37.5716

■ 78.1590, -14.3754,
37.5716

■ 70.9210, -16.7231,
43.9193

■ 85.3970, -12.0277,
31.2238

■ 63.6830, -19.0707,
50.2670

■ 92.6350, -9.6801,
24.8761

■ 56.4450, -21.4184,
56.6147

■ 99.8730, -7.3324,
18.5284

■ 49.2070, -23.7661,
62.9625

■ 107.1110, -4.9847,
12.1807

■ 49.0930, -24.2028,
63.0624

■ 114.3490, -2.6371,
5.8329

■ 121.1140, 0.4368,
-0.1000

■ 128.3520, 2.7845,
-6.4477

■ 135.5900, 5.1321,
-12.7954

■ 142.8280, 7.4798,
-19.1432

Harmonies

Analogous

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



78.7430, -3.3243, 39.6904



78.1590, -14.3754, 37.5716



77.3180, -22.3418, 26.0311

Triad

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



78.1590, -14.3754, 37.5716



65.6500, -2.7854, -40.0350



75.2030, 25.5359, -23.8570

Complementary

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



78.1590, -14.3754, 37.5716



91.8410, 14.3754, -37.5716

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.



64.6180, 29.2753, -56.6700



78.1590, -14.3754, 37.5716



63.1070, 10.7932, -55.3448

Square

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



78.1590, -14.3754, 37.5716



72.4550, -16.9863, -11.8000



65.2560, 21.5658, -57.2295



80.7510, 17.8708, 8.1114

Rectangle

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



78.1590, -14.3754, 37.5716



76.3830, -24.3458, 15.4501



65.2560, 21.5658, -57.2295



70.5000, 28.3475, -39.0265

Sweetspot

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



78.1590, -14.3754, 37.5716



141.3070, -5.5744, 14.6398



77.3680, 15.5946, 38.2653



68.8440, -3.3741, 8.9068



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



78.1590, -14.3754, 37.5716



91.2280, -22.2974, 58.5590



98.7040, -24.5041, 19.5536



57.3810, -1.1738, 3.1739



50.8760, -25.0819, 65.0067



102.3500, -50.4585, 131.2431

Inverse Universe

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



91.8410, 14.3754, -37.5716



112.7720, 22.2974, -58.5590



71.2960, 24.5041, -19.5536



58.6190, 1.1738, -3.1739



74.1240, 25.0819, -65.0067



150.2370, 50.1692, -131.7578

Previews

White Background



This preview shows how the YUV color 78.1590, -14.3754, 37.5716 looks on a white background.

Color Contrast Check

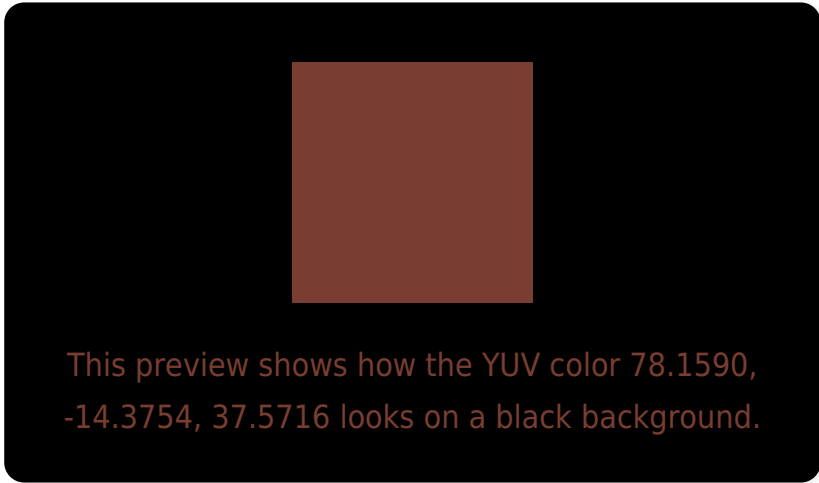
Large Text (above 18pt) WCAG AA ✓ Pass

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

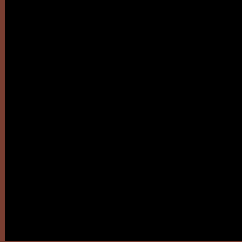
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.1590, -14.3754, 37.5716

Background



This preview shows how black text looks on a background with the YUV color 78.1590, -14.3754, 37.5716.

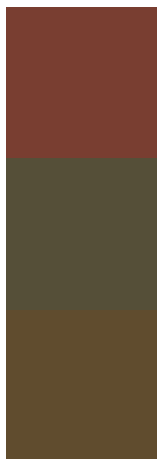


This preview shows how white text looks on a background with the YUV color 78.1590, -14.3754,

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

78.1590, -14.3754, 37.5716

Protanopia

78.1720, -10.9308, 5.9882

Deuteranopia

78.5600, -16.0521, 15.2949



Tritanopia

78.9940, -7.3920, 37.7163

Trichromacy



Original Color

78.1590, -14.3754, 37.5716

Protanomaly

78.1950, -12.4211, 17.3690

Deuteranomaly

78.4300, -15.4950, 23.3019

Tritanomaly

79.0110, -9.8654, 37.7014

Monochromacy



Original Color

78.1590, -14.3754, 37.5716

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0080, -5.4269, 14.0250

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.1590, -14.3754, 37.5716 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(121, 62, 49)` looks like.

```
.text, #text, p{  
    color:rgb(121, 62, 49)  
}
```

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(121, 62, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 62, 49) }
```

Border

The CSS property to change the border of an element to YUV 78.1590, -14.3754, 37.5716 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(121, 62, 49) }
```


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

```
.border{ border-color:rgb(121, 62, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 62, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 62, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 62, 49);  
box-shadow:4px 4px 4px 4px rgb(121, 62,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 78.1590, -14.3754, 37.5716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 62, 49) }
```

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

```
.background{ background-color: rgb(121, 62,  
49) }
```

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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