

Converting Colors

YUV(77.0830, -12.3659,
46.4082)

Have a look what the booklet for
YUV(77.0830, -12.3659, 46.4082)
contains.

YUV(77.0830, -12.3659, 46.4082)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(77.0830, -12.3659,
46.4082)**

Conversions

Conversions Part 1

Format	Color
Hex	823734
RGB	130, 55, 52
RGB Percent	51%, 22%, 20%
CMY	0.4902, 0.7843, 0.7961
CMYK	0.00, 0.58, 0.60, 0.49
HSL	2°, 43%, 36%
HSV	2°, 60%, 51%
XYZ	11.1919, 7.7261, 4.1502
YIQ	77.0830, 45.6630, 14.9670

Conversions

Conversions Part 2

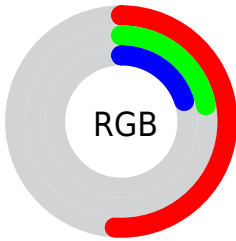
Format	Color
RYB	130, 55, 52
Decimal	8533812
CIELab	33.41, 32.11, 17.87
CIElCh	33, 36.754, 29.100
Yxy	7.7261, 0.4852, 0.3349
Android (android.graphics.Color)	4286723892 (0xFF823734)
YUV	77.0830, -12.3659, 46.4082
Hunter-Lab	27.7959, 23.2296, 10.6045

Details

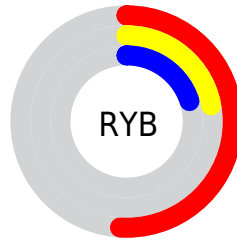
The YUV color **77.0830, -12.3659, 46.4082** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **104.9170, 12.3659, -46.4082**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.7200, -15.1450, 51.1116**, and **25.8700, -9.3029, 43.9640** is the 20% darker color. If you saturate the color by 10%, you get **68.5570, -14.5716, 53.8855**, and if you desaturate by 10%, it is **86.1960, -10.4496, 38.4161**.

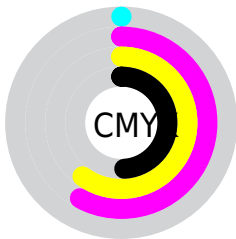
Distribution



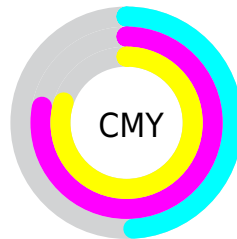
- Red (51%)
- Green (22%)
- Blue (20%)



- Red (51%)
- Yellow (22%)
- Blue (20%)



- Cyan (0%)
- Magenta (58%)
- Yellow (60%)
- Black (49%)



- Cyan (49%)
- Magenta (78%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.0830, -12.3659, 46.4082 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 77.0830, -12.3659, 46.4082 by changing the saturation by 10% instead.

■ 77.0830, -12.3659,
46.4082

■ 77.0830, -12.3659,
46.4082

255.0000, 0.0000,
0.0000

■ 52.2290, -10.4659,
43.6492

■ 128.7200,
-15.1450, 51.1116

■ 25.8700, -9.3029,
43.9640

■ 154.9160,
-15.7346, 53.5707

■ 14.9500, -7.3703,
30.7388

■ 182.6990,
-16.6136, 55.5150

■ 2.9900, -1.4741,
6.1478

■ 204.3170,
-13.9603, 44.4490

■ 0.0000, 0.0000,
0.0000

■ 223.8310,
-10.2697, 27.3352

■ 244.0460, -6.4317,

9.6067

■ 77.0830, -12.3659,
46.4082

■ 77.0830, -12.3659,
46.4082

■ 68.5570, -14.5716,
53.8855

■ 86.1960, -10.4496,
38.4161

■ 59.4440, -16.4879,
61.8776

■ 94.7220, -8.2439,
30.9388

■ 50.9180, -18.6936,
69.3549

■ 103.8350, -6.3277,
22.9467

■ 41.8050, -20.6099,
77.3470

■ 112.3610, -4.1220,
15.4694

■ 121.4740, -2.2057,
7.4773

■ 130.0000, 0.0000,
0.0000

■ 139.1130, 1.9163,
-7.9921

■ 147.6390, 4.1220,
-15.4694

■ 156.1650, 6.3277,
-22.9467

Harmonies

Analogous

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



78.6280, 1.1694, 45.0532



77.0830, -12.3659, 46.4082



76.9170, -24.1161, 35.1528

Triad

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



77.0830, -12.3659, 46.4082



65.0650, -8.9060, -36.8910



63.7520, 36.1113, -55.9105

Complementary

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



77.0830, -12.3659, 46.4082



104.9170, 12.3659, -46.4082

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.



66.8350, 30.1543, -58.6143



77.0830, -12.3659, 46.4082



62.7820, 7.0095, -55.0598

Square

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



77.0830, -12.3659, 46.4082



72.3650, -23.8439, -5.5821



66.0880, 19.6766, -57.9592



79.5200, 24.8866, -2.2100

Rectangle

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



77.0830, -12.3659, 46.4082



75.5860, -28.8829, 24.0421



66.0880, 19.6766, -57.9592



65.3990, 34.8063, -57.3549

Sweetspot

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



77.0830, -12.3659, 46.4082



147.5570, -4.7116, 17.9285



83.8720, 21.2621, 40.4543



71.3820, -2.6533, 11.0660



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



77.0830, -12.3659, 46.4082



86.1140, -19.2832, 71.8140



99.9760, -23.6522, 26.3310



59.6800, -1.3212, 3.7886



41.2070, -20.3151, 76.1175



0.0000, 0.0000, 0.0000

Inverse Universe

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



104.9170, 12.3659, -46.4082



129.4730, 18.9938, -72.3288



82.0240, 23.6522, -26.3310



61.9070, 1.0318, -4.3034



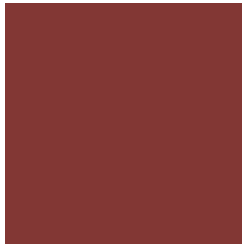
86.7930, 20.3151, -76.1175



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 77.0830, -12.3659, 46.4082 looks on a white background.

Color Contrast Check

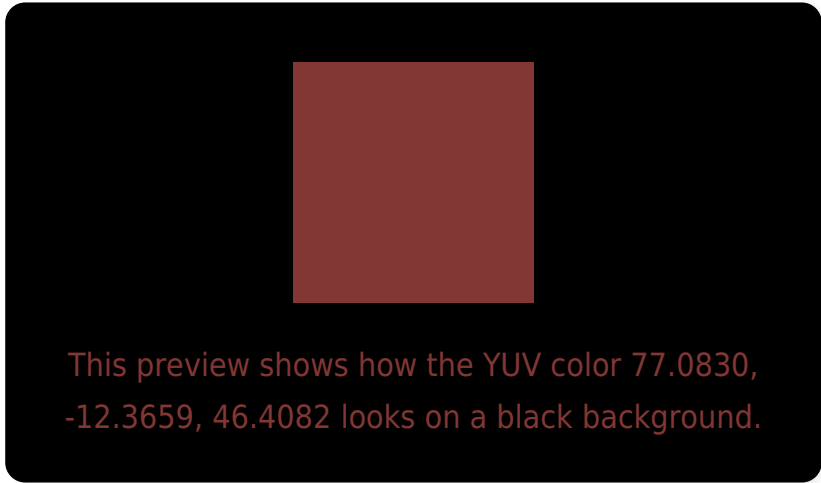
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.0830, -12.3659, 46.4082

Background



This preview shows how black text looks on a background with the YUV color 77.0830, -12.3659, 46.4082.

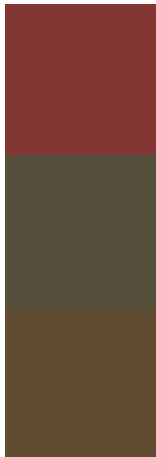


This preview shows how white text looks on a background with the YUV color 77.0830, -12.3659,

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

77.0830, -12.3659, 46.4082

Protanopia

78.8560, -8.3100, 5.3883

Deuteranopia

78.7880, -15.1785, 15.0949



Tritanopia

77.1800, -9.4557, 46.3231

Trichromacy



Original Color

77.0830, -12.3659, 46.4082

Protanomaly

77.9010, -9.8112, 20.2578

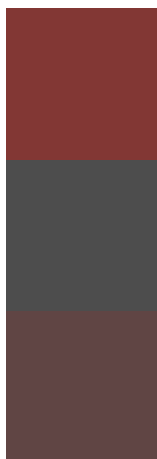
Deuteranomaly

77.7940, -14.1954, 26.4907

Tritanomaly

76.9520, -10.3293, 46.5231

Monochromacy



Original Color

77.0830, -12.3659, 46.4082

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9590, -4.4168, 16.6990

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.0830, -12.3659, 46.4082 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(130, 55, 52)` looks like.

```
.text, #text, p{  
    color:rgb(130, 55, 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(130, 55, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 55, 52) }
```

Border

The CSS property to change the border of an element to YUV 77.0830, -12.3659, 46.4082 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(130, 55, 52) }
```


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

```
.border{ border-color:rgb(130, 55, 52) }
```

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

Here you see how a box with a 4 pixel rgb(130, 55, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 55, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 55, 52);  
box-shadow:4px 4px 4px 4px rgb(130, 55,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 77.0830, -12.3659, 46.4082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 55, 52) }
```

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

```
.background{ background-color: rgb(130, 55,  
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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