

Converting Colors

YUV(77.5430, -26.8897,
38.1118)

Have a look what the booklet for
YUV(77.5430, -26.8897, 38.1118)
contains.

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Color

**YUV(77.5430, -26.8897,
38.1118)**

Conversions

Conversions Part 1

Format	Color
Hex	794217
RGB	121, 66, 23
RGB Percent	47%, 26%, 9%
CMY	0.5255, 0.7412, 0.9098
CMYK	0.00, 0.45, 0.81, 0.53
HSL	26°, 68%, 28%
HSV	26°, 81%, 47%
XYZ	9.9880, 8.0232, 1.8328
YIQ	77.5430, 46.5830, -1.7130

Conversions

Conversions Part 2

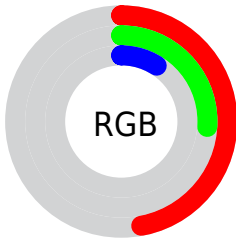
Format	Color
R_{YB}	121, 100, 23
Decimal	7946775
CIE Lab	34.03, 20.30, 35.00
CIE LCh	34, 40.463, 59.893
Yxy	8.0232, 0.5033, 0.4043
Android (android.graphics.Color)	4286136855 (0xFF794217)
YUV	77.5430, -26.8897, 38.1118
Hunter-Lab	28.3253, 13.3730, 15.9913

Details

The YUV color $77.5430, -26.8897, 38.1118$ is a dark color, and the websafe version is hex 663300 . A complement of this color would be $66.4570, 26.8897, -38.1118$, and the grayscale version is $78.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $128.5930, -29.3793, 43.3299$, and $32.9470, -16.2429, 29.8645$ is the 20% darker color. If you saturate the color by 10%, you get $72.0660, -30.1055, 42.9151$, and if you desaturate by 10%, it is $83.0200, -23.6739, 33.3085$.

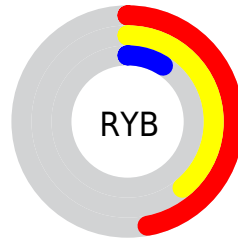
Distribution



 Red (47%)

 Green (26%)

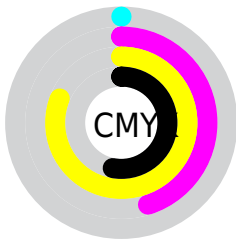
 Blue (9%)



 Red (47%)

 Yellow (39%)

 Blue (9%)

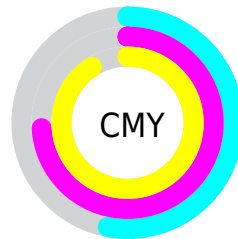



 Cyan (0%)

 Magenta (45%)

 Yellow (81%)

 Black (53%)



 Cyan (53%)

 Magenta (74%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.5430, -26.8897, 38.1118 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 77.5430, -26.8897, 38.1118 by changing the saturation by 10% instead.

■ 77.5430, -26.8897,
38.1118

■ 77.5430, -26.8897,
38.1118

255.0000, 0.0000,
0.0000

■ 53.3470, -26.3001,
35.6527

■ 128.5930,
-29.3793, 43.3299

■ 32.9470, -16.2429,
29.8645

■ 154.7890,
-29.9690, 45.7890

■ 12.5580, -6.1911,
25.8206

■ 182.1590,
-31.1374, 47.2186

■ 0.0000, 0.0000,
0.0000

■ 206.6530,
-30.3949, 42.4003

■ 226.0530,
-27.1411, 25.3865

■ 246.2680,

-23.3031, 7.6580

■ 251.8080,
-12.2303, 2.7994

■ 77.5430, -26.8897,
38.1118

■ 77.5430, -26.8897,
38.1118

■ 72.0660, -30.1055,
42.9151

■ 83.0200, -23.6739,
33.3085

■ 67.2900, -33.1740,
47.1037

■ 88.4970, -20.4580,
28.5051

■ 93.3870, -16.9528,
24.2166

■ 98.8640, -13.7370,
19.4133

■ 104.3410,
-10.5211, 14.6099

■ 109.9320, -6.8685,
9.7066

■ 115.4090, -3.6526,
4.9033

■ 120.2990, -0.1474,
0.6148

■ 125.7760, 3.0684,
-4.1886

Harmonies

Analogous

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



77.4750, -13.5452, 51.3264



77.5430, -26.8897, 38.1118



75.1740, -34.1028, 18.2644

Triad

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



77.5430, -26.8897, 38.1118



64.7710, 7.0149, -56.8042



81.3890, 26.9232, -2.0952

Complementary

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



77.5430, -26.8897, 38.1118



66.4570, 26.8897, -38.1118

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.



65.7240, 38.5901, -57.6399



77.5430, -26.8897, 38.1118



68.4190, 20.9924, -60.0035

Square

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



77.5430, -26.8897, 38.1118



62.2270, -7.9999, -47.5571



68.8070, 32.6331, -60.3437



81.6230, 15.4689, 31.9026

Rectangle

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



77.5430, -26.8897, 38.1118



73.8730, -30.9964, 1.8654



68.8070, 32.6331, -60.3437



78.3270, 30.8978, -16.9498

Sweetspot

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



77.5430, -26.8897, 38.1118



141.3410, -10.5211, 14.6099



58.6860, 10.0148, 54.6494



68.7470, -6.2843, 8.9919



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.



77.5430, -26.8897, 38.1118



90.0760, -41.9425, 59.5693



105.7190, -40.7805, 13.4014



58.5550, -1.7526, 2.1443



69.6600, -34.3424, 48.5332



140.5050, -69.2690, 97.7811

Inverse Universe

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



66.4570, 26.8897, -38.1118



72.9240, 41.9425, -59.5693



38.2810, 40.7805, -13.4014



58.0320, 1.4632, -2.6591



55.3400, 34.3424, -48.5332



112.0820, 68.9796, -98.2959

Previews

White Background



This preview shows how the YUV color 77.5430, -26.8897, 38.1118 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 77.5430, -26.8897, 38.1118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

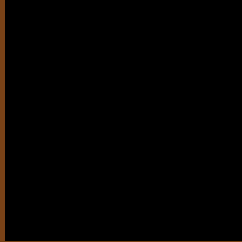
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.5430, -26.8897, 38.1118

Background



This preview shows how black text looks on a background with the YUV color 77.5430, -26.8897, 38.1118.



This preview shows how white text looks on a background with the YUV color 77.5430, -26.8897,

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

77.5430, -26.8897, 38.1118

Protanopia

77.5350, -24.9138, 10.9318

Deuteranopia

77.8630, -29.0195, 21.1681



Tritanopia

80.6950, -7.2446, 37.1015

Trichromacy



Original Color

77.5430, -26.8897, 38.1118

Protanomaly

77.7750, -25.5251, 20.3683

Deuteranomaly

77.7220, -28.4569, 27.4308

Tritanomaly

79.1590, -14.3754, 37.5716

Monochromacy



Original Color

77.5430, -26.8897, 38.1118

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.1560, -9.9369, 13.8952

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.5430, -26.8897, 38.1118 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, 66, 23)` looks like.

```
.text, #text, p{  
    color:rgb(121, 66, 23)  
}
```

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, 66, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 66, 23) }
```

Border

The CSS property to change the border of an element to YUV 77.5430, -26.8897, 38.1118 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, 66, 23) }
```


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

```
.border{ border-color:rgb(121, 66, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 66, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 66, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 66, 23);  
box-shadow:4px 4px 4px 4px rgb(121, 66,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 77.5430, -26.8897, 38.1118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 66, 23) }
```

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

```
.background{ background-color: rgb(121, 66,  
23) }
```

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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