

Converting Colors

YUV(84.7740, -30.4546,
61.5882)

Have a look what the booklet for
YUV(84.7740, -30.4546, 61.5882)
contains.

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Color

**YUV(84.7740, -30.4546,
61.5882)**

Conversions

Conversions Part 1

Format	Color
Hex	9B3D17
RGB	155, 61, 23
RGB Percent	61%, 24%, 9%
CMY	0.3922, 0.7608, 0.9098
CMYK	0.00, 0.61, 0.85, 0.39
HSL	17°, 74%, 35%
HSV	17°, 85%, 61%
XYZ	15.3410, 10.3679, 2.0033
YIQ	84.7740, 68.2220, 8.1100

Conversions

Conversions Part 2

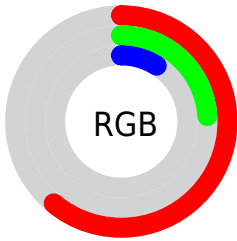
Format	Color
R_{YB}	155, 76, 23
Decimal	10173719
CIE Lab	38.49, 37.34, 41.16
CIE LCh	38, 55.573, 47.783
Yxy	10.3679, 0.5536, 0.3741
Android (android.graphics.Color)	4288363799 (0xFF9B3D17)
YUV	84.7740, -30.4546, 61.5882
Hunter-Lab	32.1992, 28.6956, 18.8508

Details

The YUV color **84.7740, -30.4546, 61.5882** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **93.2260, 30.4546, -61.5882**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.0090, -33.5284, 67.5211**, and **32.2260, -15.8874, 55.9298** is the 20% darker color. If you saturate the color by 10%, you get **76.6070, -33.8233, 68.7507**, and if you desaturate by 10%, it is **93.0550, -26.6491, 54.3258**.

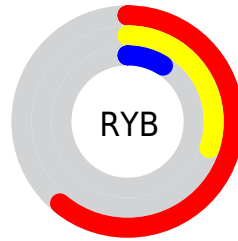
Distribution



Red (61%)

Green (24%)

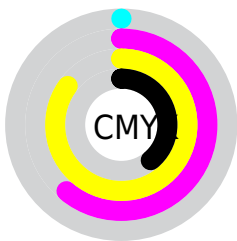
Blue (9%)



Red (61%)

Yellow (30%)

Blue (9%)

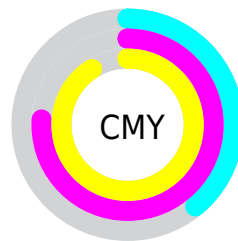


Cyan (0%)

Magenta (61%)

Yellow (85%)

Black (39%)



Cyan (39%)

Magenta (76%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.7740, -30.4546, 61.5882 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 84.7740, -30.4546, 61.5882 by changing the saturation by 10% instead.

84.7740, -30.4546,
61.5882

84.7740, -30.4546,
61.5882

255.0000, 0.0000,
0.0000

58.8060, -28.9914,
58.9291

138.0090,
-33.5284, 67.5211

32.2260, -15.8874,
55.9298

165.2760,
-35.1391, 70.7949

20.3320, -10.0237,
41.8048

186.7800,
-32.9225, 59.8289

12.9710, -5.9017,
26.3354

206.1800,
-29.6687, 42.8151

0.0000, 0.0000,
0.0000

225.6940,
-25.9781, 25.7014

245.7950,

-22.5769, 8.0728

252.0360,
-11.3567, 2.5994

84.7740, -30.4546,
61.5882

84.7740, -30.4546,
61.5882

76.6070, -33.8233,
68.7507

93.0550, -26.6491,
54.3258

72.7600, -35.8707,
72.1245

101.2220,
-23.2804, 47.1633

109.5030,
-19.4750, 39.9009

117.6700,
-16.1063, 32.7384

125.9510,
-12.3008, 25.4760

■ 134.1180, -8.9322,
18.3135

■ 142.3990, -5.1267,
11.0511

■ 150.5660, -1.7580,
3.8886

■ 158.8470, 2.0474,
-3.3738

Harmonies

Analogous

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



81.5350, -7.6588, 76.7068



84.7740, -30.4546, 61.5882



85.5090, -42.1559, 34.6336

Triad

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



84.7740, -30.4546, 61.5882



71.9630, -0.9678, -63.1116



82.6090, 46.5348, -39.1221

Complementary

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



84.7740, -30.4546, 61.5882



93.2260, 30.4546, -61.5882

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.



79.6930, 48.9584, -69.8908



84.7740, -30.4546, 61.5882



78.4950, 18.9830, -68.8401

Square

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



84.7740, -30.4546, 61.5882



70.4220, -23.8720, -43.3431



81.8810, 37.0337, -71.8096



92.8580, 29.1570, 28.1885

Rectangle

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



84.7740, -30.4546, 61.5882



83.9040, -41.3647, 14.1162



81.8810, 37.0337, -71.8096



74.6380, 52.4365, -65.4575

Sweetspot

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



84.7740, -30.4546, 61.5882



173.3530, -12.0060, 24.2464



73.2980, 22.0381, 71.6527



84.8510, -7.3215, 15.0397



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



84.7740, -30.4546, 61.5882



94.1450, -46.4135, 93.7118



122.9290, -49.2650, 28.1263



72.5660, -1.7580, 3.8886



65.3400, -32.2126, 65.4768



6.2350, -3.0739, 5.9329

Inverse Universe

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



93.2260, 30.4546, -61.5882



106.8550, 46.4135, -93.7118



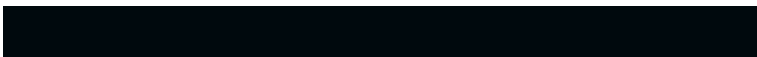
55.0710, 49.2650, -28.1263



72.8470, 2.0474, -3.3738



74.6600, 32.2126, -65.4768



6.7650, 3.0739, -5.9329

Previews

White Background



This preview shows how the YUV color 84.7740, -30.4546, 61.5882 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 × Fail

Black Background



This preview shows how the YUV color 84.7740, -30.4546, 61.5882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

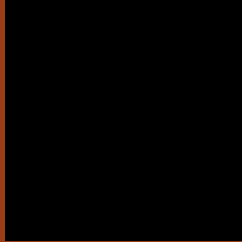
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.7740, -30.4546, 61.5882

Background



This preview shows how black text looks on a background with the YUV color 84.7740, -30.4546, 61.5882.



This preview shows how white text looks on a background with the YUV color 84.7740, -30.4546,

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

84.7740, -30.4546, 61.5882

Protanopia

88.0360, -28.1187, 12.2464

Deuteranopia

86.7790, -38.3450, 25.6268



Tritanopia

87.0570, -12.8461, 60.4630

Trichromacy



Original Color

84.7740, -30.4546, 61.5882

Protanomaly

86.9180, -29.0466, 29.8899

Deuteranomaly

86.2520, -35.6202, 38.3670

Tritanomaly

86.0480, -19.2507, 61.3479

Monochromacy



Original Color

84.7740, -30.4546, 61.5882

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.5700, -11.1270, 22.3021

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.7740, -30.4546, 61.5882 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(155, 61, 23)` looks like.

```
.text, #text, p{  
    color:rgb(155, 61, 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(155, 61, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 61, 23) }
```

Border

The CSS property to change the border of an element to YUV 84.7740, -30.4546, 61.5882 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(155, 61, 23) }
```


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

```
.border{ border-color:rgb(155, 61, 23) }
```

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

Here you see how a box with a 4 pixel rgb(155, 61, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 61, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 61, 23);  
box-shadow:4px 4px 4px 4px rgb(155, 61,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 84.7740, -30.4546, 61.5882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 61, 23) }
```

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

```
.background{ background-color: rgb(155, 61,  
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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