

Converting Colors

YUV(81.1790, -24.7382,
48.0780)

Have a look what the booklet for
YUV(81.1790, -24.7382, 48.0780)
contains.

YUV(81.1790, -24.7382, 48.0780)	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(81.1790, -24.7382,
48.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	883F1F
RGB	136, 63, 31
RGB Percent	53%, 25%, 12%
CMY	0.4667, 0.7529, 0.8784
CMYK	0.00, 0.54, 0.77, 0.47
HSL	18°, 63%, 33%
HSV	18°, 77%, 53%
XYZ	12.1782, 8.8882, 2.3701
YIQ	81.1790, 53.7800, 5.5240

Conversions

Conversions Part 2

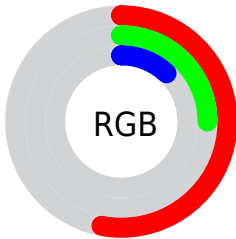
Format	Color
R_{YB}	136, 77, 31
Decimal	8929055
CIE _{Lab}	35.77, 28.93, 33.41
CIE _{LCh}	36, 44.197, 49.113
Yxy	8.8882, 0.5196, 0.3792
Android (android.graphics.Color)	4287119135 (0xFF883F1F)
YUV	81.1790, -24.7382, 48.0780
Hunter-Lab	29.8131, 20.7416, 16.1558

Details

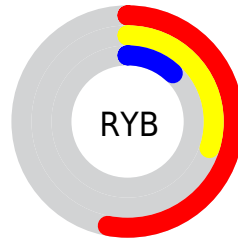
The YUV color **81.1790, -24.7382, 48.0780** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **85.8210, 24.7382, -48.0780**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.5280, -27.3753, 53.9109**, and **32.7250, -16.1334, 41.4602** is the 20% darker color. If you saturate the color by 10%, you get **74.3000, -28.2489, 54.1109**, and if you desaturate by 10%, it is **88.0580, -21.2276, 42.0451**.

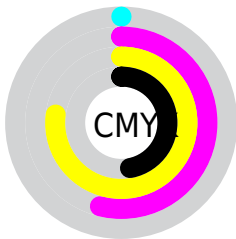
Distribution



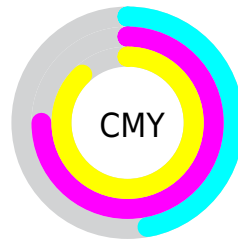
- Red (53%)
- Green (25%)
- Blue (12%)



- Red (53%)
- Yellow (30%)
- Blue (12%)



- Cyan (0%)
- Magenta (54%)
- Yellow (77%)
- Black (47%)



- Cyan (47%)
- Magenta (75%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.1790, -24.7382, 48.0780 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 81.1790, -24.7382, 48.0780 by changing the saturation by 10% instead.

81.1790, -24.7382,
48.0780

81.1790, -24.7382,
48.0780

255.0000, 0.0000,
0.0000

56.0970, -23.7118,
45.5189

132.5280,
-27.3753, 53.9109

32.7250, -16.1334,
41.4602

159.4960,
-28.8385, 56.5700

15.8470, -7.8126,
32.5832

187.2790,
-29.7175, 58.5143

6.8770, -3.3904,
14.1399

206.3910,
-26.3218, 42.6301

0.0000, 0.0000,
0.0000

226.4920,
-22.9206, 25.0015

246.1200,

-18.7932, 7.7878

252.8340, -8.2992,
1.8996

81.1790, -24.7382,
48.0780

81.1790, -24.7382,
48.0780

74.3000, -28.2489,
54.1109

88.0580, -21.2276,
42.0451

66.9480, -31.0334,
60.5586

95.4100, -18.4431,
35.5974

64.7310, -31.9124,
62.5029

102.2890,
-14.9325, 29.5645

109.6410,
-12.1480, 23.1168

116.5200, -8.6374,
17.0840

■ 123.9860, -5.4161,
10.5363

■ 130.7510, -2.3422,
4.6034

■ 138.2170, 0.8790,
-1.9443

■ 144.9820, 3.9529,
-7.8772

Harmonies

Analogous

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



80.4850, -8.6201, 58.3337



81.1790, -24.7382, 48.0780



79.6160, -37.7717, 28.4008

Triad

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



81.1790, -24.7382, 48.0780



66.6800, 1.6368, -58.4784



81.2170, 34.4030, -21.2383

Complementary

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



81.1790, -24.7382, 48.0780



85.8210, 24.7382, -48.0780

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.



71.5600, 40.6429, -62.7581



81.1790, -24.7382, 48.0780



71.3710, 17.0721, -62.5924

Square

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



81.1790, -24.7382, 48.0780



70.6930, -18.0896, -31.3028



73.1440, 31.4810, -64.1473



86.5880, 21.8951, 24.0403

Rectangle

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



81.1790, -24.7382, 48.0780



77.6910, -38.3017, 11.6720



73.1440, 31.4810, -64.1473



71.6370, 40.6050, -50.5476

Sweetspot

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



81.1790, -24.7382, 48.0780



154.8900, -9.8058, 18.5135



70.8310, 16.8453, 57.1532



76.1710, -6.0003, 11.2510



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



81.1790, -24.7382, 48.0780



90.3860, -38.6443, 75.0835



111.7030, -39.7866, 21.3085



65.2670, -1.6106, 3.2738



63.2470, -31.1808, 61.1734



2.6690, -1.3158, 2.0443

Inverse Universe

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



85.8210, 24.7382, -48.0780



97.6140, 38.6443, -75.0835



55.2970, 39.7866, -21.3085



65.7330, 1.6106, -3.2738



69.1660, 31.4702, -60.6586



2.9180, 1.0264, -2.5591

Previews

White Background



This preview shows how the YUV color 81.1790, -24.7382, 48.0780 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 81.1790, -24.7382, 48.0780 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 81.1790, -24.7382, 48.0780

Background



This preview shows how black text looks on a background with the YUV color 81.1790, -24.7382, 48.0780.



This preview shows how white text looks on a background with the YUV color 81.1790, -24.7382,

48.0780.

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

81.1790, -24.7382, 48.0780

Protanopia

82.2190, -22.2930, 10.3319

Deuteranopia

82.2050, -27.7091, 20.8682



Tritanopia

82.7780, -9.7506, 47.5527

Trichromacy



Original Color

81.1790, -24.7382, 48.0780

Protanomaly

81.7800, -23.0625, 23.8719

Deuteranomaly

81.6130, -26.4312, 31.0344

Tritanomaly

81.9970, -15.2815, 48.2376

Monochromacy



Original Color

81.1790, -24.7382, 48.0780

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.8190, -8.7848, 17.6987

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.1790, -24.7382, 48.0780 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(136, 63, 31)` looks like.

```
.text, #text, p{  
    color:rgb(136, 63, 31)  
}
```

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(136, 63, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 63, 31) }
```

Border

The CSS property to change the border of an element to YUV 81.1790, -24.7382, 48.0780 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(136, 63, 31) }
```


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

```
.border{ border-color:rgb(136, 63, 31) }
```

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

Here you see how a box with a 4 pixel rgb(136, 63, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 63, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 63, 31);  
box-shadow:4px 4px 4px 4px rgb(136, 63,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 81.1790, -24.7382, 48.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 63, 31) }
```

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

```
.background{ background-color: rgb(136, 63,  
31) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor