

Converting Colors

YUV(78.4440, -23.3899,
35.5676)

Have a look what the booklet for
YUV(78.4440, -23.3899, 35.5676)
contains.

YUV(78.4440, -23.3899, 35.5676)	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(78.4440, -23.3899,
35.5676)**

Conversions

Conversions Part 1

Format	Color
Hex	77431F
RGB	119, 67, 31
RGB Percent	47%, 26%, 12%
CMY	0.5333, 0.7373, 0.8784
CMYK	0.00, 0.44, 0.74, 0.53
HSL	25°, 59%, 29%
HSV	25°, 74%, 47%
XYZ	9.8622, 8.0352, 2.3275
YIQ	78.4440, 42.5480, -0.1720

Conversions

Conversions Part 2

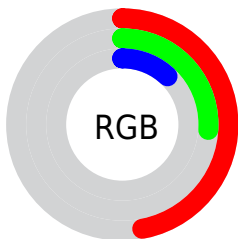
Format	Color
R_{YB}	119, 92, 31
Decimal	7815967
CIE _{Lab}	34.06, 19.19, 30.80
CIE _{LCh}	34, 36.290, 58.067
Yxy	8.0352, 0.4876, 0.3973
Android (android.graphics.Color)	4286006047 (0xFF77431F)
YUV	78.4440, -23.3899, 35.5676
Hunter-Lab	28.3464, 12.4972, 14.9743

Details

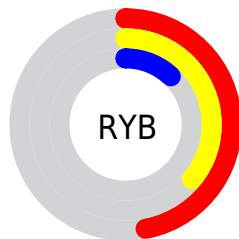
The YUV color **78.4440, -23.3899, 35.5676** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **71.5560, 23.3899, -35.5676**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.1950, -25.7321, 40.1710**, and **33.2350, -16.3849, 28.7349** is the 20% darker color. If you saturate the color by 10%, you get **72.9670, -26.6057, 40.3709**, and if you desaturate by 10%, it is **83.9210, -20.1741, 30.7643**.

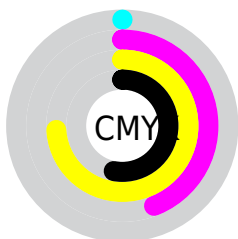
Distribution



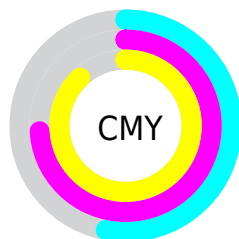
- Red (47%)
- Green (26%)
- Blue (12%)



- Red (47%)
- Yellow (36%)
- Blue (12%)



- Cyan (0%)
- Magenta (44%)
- Yellow (74%)
- Black (53%)



- Cyan (53%)
- Magenta (74%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.4440, -23.3899, 35.5676 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 78.4440, -23.3899, 35.5676 by changing the saturation by 10% instead.

■ 78.4440, -23.3899,
35.5676

■ 78.4440, -23.3899,
35.5676

255.0000, 0.0000,
0.0000

■ 54.2480, -22.8003,
33.1085

■ 129.1950,
-25.7321, 40.1710

■ 33.2350, -16.3849,
28.7349

■ 155.2770,
-26.7586, 42.7301

■ 12.2590, -6.0437,
25.2059

■ 182.7610,
-27.4902, 44.0596

■ 0.0000, 0.0000,
0.0000

■ 208.1520,
-27.1899, 41.0857

■ 227.6660,
-23.4993, 23.9719

■ 247.7670,

-20.0981, 6.3433

252.8340, -8.2992,
1.8996

78.4440, -23.3899,
35.5676

78.4440, -23.3899,
35.5676

72.9670, -26.6057,
40.3709

83.9210, -20.1741,
30.7643

67.4900, -29.8216,
45.1743

89.3980, -16.9582,
25.9610

64.3440, -31.7216,
47.9333

94.8750, -13.7424,
21.1576

100.3520,
-10.5265, 16.3543

105.8290, -7.3107,
11.5510

■ 111.1920, -4.5317,
6.8476

■ 116.6690, -1.3158,
2.0443

■ 122.1460, 1.9000,
-2.7590

■ 127.6230, 5.1159,
-7.5624

Harmonies

Analogous

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



78.8980, -11.7817, 45.6935



78.4440, -23.3899, 35.5676



76.8410, -29.0086, 17.6794

Triad

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



78.4440, -23.3899, 35.5676



63.9560, 6.4307, -56.0894



80.8080, 24.7447, -3.3396

Complementary

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



78.4440, -23.3899, 35.5676



71.5560, 23.3899, -35.5676

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.



65.0400, 35.9693, -57.0401



78.4440, -23.3899, 35.5676



67.2620, 19.0978, -58.9888

Square

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



78.4440, -23.3899, 35.5676



67.2610, -9.4957, -34.4319



68.1230, 30.0124, -59.7439



82.2480, 14.1747, 26.9695

Rectangle

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



78.4440, -23.3899, 35.5676



75.2090, -27.2180, 3.3247



68.1230, 30.0124, -59.7439



78.5290, 27.8402, -16.2499

Sweetspot

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



78.4440, -23.3899, 35.5676



139.6830, -9.2107, 14.3100



63.3540, 10.1785, 48.8015



69.5620, -5.7001, 8.2771



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.



78.4440, -23.3899, 35.5676



92.0200, -36.9849, 56.1105



103.6850, -35.8337, 13.4313



55.9680, -1.4632, 2.6591



65.8280, -32.4532, 49.2628



134.6240, -66.3696, 101.1848

Inverse Universe

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



71.5560, 23.3899, -35.5676



80.9800, 36.9849, -56.1105



46.3150, 35.8337, -13.4313



55.4450, 1.7526, -2.1443



56.1720, 32.4532, -49.2628



115.3760, 66.3696, -101.1848

Previews

White Background



This preview shows how the YUV color 78.4440, -23.3899, 35.5676 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 78.4440, -23.3899, 35.5676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

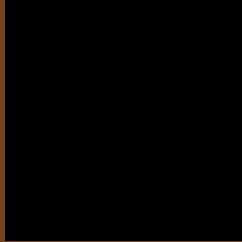
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.4440, -23.3899, 35.5676

Background



This preview shows how black text looks on a background with the YUV color 78.4440, -23.3899, 35.5676.



This preview shows how white text looks on a background with the YUV color 78.4440, -23.3899,

35.5676.

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

78.4440, -23.3899, 35.5676

Protanopia

78.4470, -21.4194, 10.1320

Deuteranopia

78.5900, -24.9409, 19.6536



Tritanopia

80.9120, -6.3656, 35.1572

Trichromacy



Original Color

78.4440, -23.3899, 35.5676

Protanomaly

78.6870, -22.0307, 19.5685

Deuteranomaly

78.4490, -24.3784, 25.9162

Tritanomaly

79.7180, -12.1860, 35.3273

Monochromacy



Original Color

78.4440, -23.3899, 35.5676

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.1990, -8.4791, 12.9805

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.4440, -23.3899, 35.5676 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(119, 67, 31)` looks like.

```
.text, #text, p{  
    color:rgb(119, 67, 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(119, 67, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 67, 31) }
```

Border

The CSS property to change the border of an element to YUV 78.4440, -23.3899, 35.5676 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(119, 67, 31) }
```


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

```
.border{ border-color:rgb(119, 67, 31) }
```

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

Here you see how a box with a 4 pixel rgb(119, 67, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 67, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 67, 31);  
box-shadow:4px 4px 4px 4px rgb(119, 67,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 78.4440, -23.3899, 35.5676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 67, 31) }
```

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

```
.background{ background-color: rgb(119, 67,  
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](#).

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