

Converting Colors

YUV(98.8490, -40.8446,
80.8164)

Have a look what the booklet for
YUV(98.8490, -40.8446, 80.8164)
contains.

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Color

**YUV(98.8490, -40.8446,
80.8164)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4410
RGB	191, 68, 16
RGB Percent	75%, 27%, 6%
CMY	0.2510, 0.7333, 0.9373
CMYK	0.00, 0.64, 0.92, 0.25
HSL	18°, 85%, 41%
HSV	18°, 92%, 75%
XYZ	23.6465, 15.2480, 2.1871
YIQ	98.8490, 90.0000, 9.9040

Conversions

Conversions Part 2

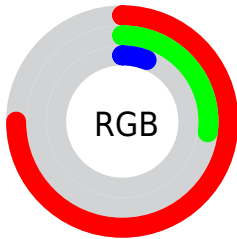
Format	Color
R _{YB}	191, 90, 16
Decimal	12534800
CIE Lab	45.97, 47.35, 52.48
CIE LCh	46, 70.685, 47.943
Yxy	15.2480, 0.5756, 0.3712
Android (android.graphics.Color)	4290724880 (0xFFBF4410)
YUV	98.8490, -40.8446, 80.8164
Hunter-Lab	39.0487, 39.7580, 24.0133

Details

The YUV color **98.8490, -40.8446, 80.8164** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **108.1510, 40.8446, -80.8164**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.6110, -43.1922, 87.1642**, and **40.9190, -20.1731, 77.2470** is the 20% darker color. If you saturate the color by 10%, you get **90.5680, -44.6500, 88.0789**, and if you desaturate by 10%, it is **108.6460, -36.3075, 72.2245**.

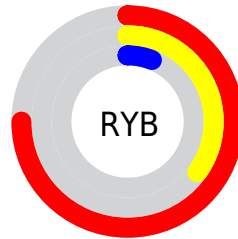
Distribution



Red (75%)

Green (27%)

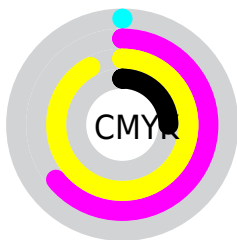
Blue (6%)



Red (75%)

Yellow (35%)

Blue (6%)

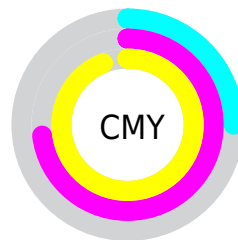


Cyan (0%)

Magenta (64%)

Yellow (92%)

Black (25%)



Cyan (25%)


Magenta (73%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.8490, -40.8446, 80.8164 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 98.8490, -40.8446, 80.8164 by changing the saturation by 10% instead.


 98.8490, -40.8446,
80.8164


 98.8490, -40.8446,
80.8164


255.0000, 0.0000,
0.0000

 71.9070, -35.4502,
77.2576


 154.6110,
-43.1922, 87.1642


 40.9190, -20.1731,
77.2470


 173.6090,
-40.2332, 71.3799


 29.6010, -14.5933,
60.8629

 193.0090,
-36.9794, 54.3661

 20.9300, -10.3185,
43.0344

 212.4090,
-33.7256, 37.3523


 12.9710, -5.9017,
26.3354


 232.5100,
-30.3244, 19.7237


 0.0000, 0.0000,
0.0000


 248.6160,

-24.4607, 5.5988

 251.8080,
-12.2303, 2.7994

 98.8490, -40.8446,
80.8164


 98.8490, -40.8446,
80.8164

 90.5680, -44.6500,
88.0789

 108.6460,
-36.3075, 72.2245

 119.0300,
-32.0598, 63.1177

 128.8270,
-27.5227, 54.5257

 139.2110,
-23.2750, 45.4190

 149.0080,
-18.7379, 36.8270

■ 159.5060,
-14.0535, 27.6202

■ 169.3030, -9.5164,
19.0283

■ 179.1000, -4.9793,
10.4363

■ 189.4840, -0.7316,
1.3295

Harmonies

Analogous

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



90.3520, -6.5825, 104.9313



98.8490, -40.8446, 80.8164



102.9740, -50.7662, 42.9958

Triad

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



98.8490, -40.8446, 80.8164



87.4190, -2.6716, -76.6665



87.9650, 66.5723, -72.7603

Complementary

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



98.8490, -40.8446, 80.8164



108.1510, 40.8446, -80.8164

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.



97.9650, 63.1213, -85.9153



98.8490, -40.8446, 80.8164



95.0740, 24.1205, -83.3799

Square

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



98.8490, -40.8446, 80.8164



76.3900, -32.2373, -66.9940



99.9420, 47.8496, -87.6491



110.4430, 38.7286, 38.1995

Rectangle

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



98.8490, -40.8446, 80.8164



101.0260, -49.8058, 14.8862



99.9420, 47.8496, -87.6491



91.7360, 67.1782, -80.4525

Sweetspot

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



98.8490, -40.8446, 80.8164



211.8870, -15.2273, 30.7941



82.5750, 28.8035, 95.0887



104.0040, -9.3690, 18.4135



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



98.8490, -40.8446, 80.8164



116.7040, -57.5351, 114.2696



148.7440, -65.4428, 37.0585



89.4520, -2.1948, 3.9886



74.8310, -36.8917, 72.9392



14.5520, -7.1741, 14.4249

Inverse Universe

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



108.1510, 40.8446, -80.8164



130.2960, 57.5351, -114.2696



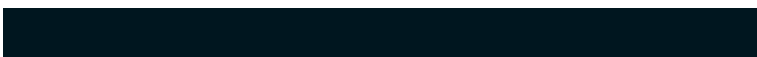
58.2560, 65.4428, -37.0585



90.1350, 1.9054, -4.5034



83.1690, 36.8917, -72.9392



16.4480, 7.1741, -14.4249

Previews

White Background



This preview shows how the YUV color 98.8490, -40.8446, 80.8164 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 98.8490, -40.8446, 80.8164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

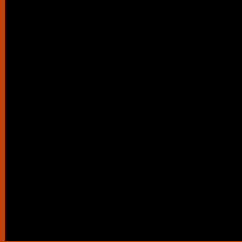
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.8490, -40.8446, 80.8164

Background



This preview shows how black text looks on a background with the YUV color 98.8490, -40.8446, 80.8164.



This preview shows how white text looks on a background with the YUV color 98.8490, -40.8446,

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

98.8490, -40.8446, 80.8164

Protanopia

104.4250, -38.1705, 16.2903

Deuteranopia

102.3100, -50.4388, 31.3001



Tritanopia

102.6140, -17.5577, 78.3915

Trichromacy



Original Color

98.8490, -40.8446, 80.8164

Protanomaly

102.6390, -39.2620, 39.7816

Deuteranomaly

101.0440, -46.8567, 49.0734

Tritanomaly

101.0350, -26.1463, 79.7763

Monochromacy



Original Color

98.8490, -40.8446, 80.8164

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.9900, -14.7851, 28.9498

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.8490, -40.8446, 80.8164 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(191, 68, 16)` looks like.

```
.text, #text, p{  
    color:rgb(191, 68, 16)  
}
```

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(191, 68, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 68, 16) }
```

Border

The CSS property to change the border of an element to YUV 98.8490, -40.8446, 80.8164 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(191, 68, 16) }
```


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

```
.border{ border-color:rgb(191, 68, 16) }
```

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

Here you see how a box with a 4 pixel rgb(191, 68, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 68, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 68, 16);  
box-shadow:4px 4px 4px 4px rgb(191, 68,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 98.8490, -40.8446, 80.8164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 68, 16) }
```

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

```
.background{ background-color: rgb(191, 68,  
16) }
```

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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