

Converting Colors

YUV(112.9390, -40.8889,
48.2885)

Have a look what the booklet for
YUV(112.9390, -40.8889, 48.2885)
contains.

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Color

**YUV(112.9390, -40.8889,
48.2885)**

Conversions

Conversions Part 1

Format	Color
Hex	A8651E
RGB	168, 101, 30
RGB Percent	66%, 40%, 12%
CMY	0.3412, 0.6039, 0.8824
CMYK	0.00, 0.40, 0.82, 0.34
HSL	31°, 70%, 39%
HSV	31°, 82%, 66%
XYZ	21.0365, 17.7259, 3.5410
YIQ	112.9390, 62.7230, -7.8770

Conversions

Conversions Part 2

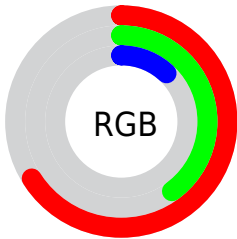
Format	Color
R_{YB}	160, 168, 30
Decimal	11035934
CIE _{Lab}	49.16, 21.58, 48.51
CIE _{LCh}	49, 53.091, 66.022
Yxy	17.7259, 0.4973, 0.4190
Android (android.graphics.Color)	4289226014 (0xFFA8651E)
YUV	112.9390, -40.8889, 48.2885
Hunter-Lab	42.1022, 15.5092, 24.4849

Details

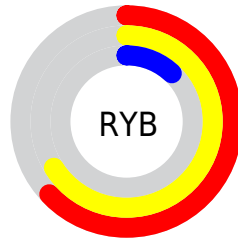
The YUV color **112.9390, -40.8889, 48.2885** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **85.0610, 40.8889, -48.2885**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.5160, -42.6524, 53.9215**, and **64.8870, -31.9893, 40.4411** is the 20% darker color. If you saturate the color by 10%, you get **106.3050, -45.9994, 54.1065**, and if you desaturate by 10%, it is **119.5730, -35.7785, 42.4705**.

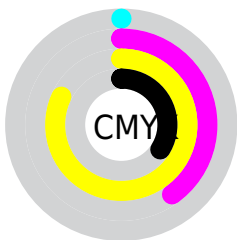
Distribution



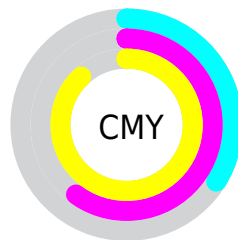
- Red (66%)
- Green (40%)
- Blue (12%)



- Red (63%)
- Yellow (66%)
- Blue (12%)



- Cyan (0%)
- Magenta (40%)
- Yellow (82%)
- Black (34%)



- Cyan (34%)
- Magenta (60%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.9390, -40.8889, 48.2885 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 112.9390, -40.8889, 48.2885 by changing the saturation by 10% instead.

■ 112.9390,
-40.8889, 48.2885

■ 112.9390,
-40.8889, 48.2885

255.0000, 0.0000,
0.0000

■ 86.7600, -42.7727,
45.8145

■ 166.5160,
-42.6524, 53.9215

■ 64.8870, -31.9893,
40.4411

■ 193.4020,
-43.0892, 54.0214

■ 42.7150, -21.0585,
34.4529

■ 212.8020,
-39.8354, 37.0076

■ 22.3150, -11.0013,
28.6647

■ 232.3160,
-36.1448, 19.8939

■ 9.6820, -4.2802,
19.5729

■ 247.1340,
-30.1391, 6.8985

■ 0.0000, 0.0000,
0.0000

■ 250.3260,

-17.9087, 4.0991

253.6320, -5.2416,
1.1997

112.9390,
-40.8889, 48.2885

112.9390,
-40.8889, 48.2885

106.3050,
-45.9994, 54.1065

119.5730,
-35.7785, 42.4705

100.7140,
-49.6520, 59.0098

126.2070,
-30.6681, 36.6525

132.7270,
-25.9944, 30.9344

139.9480,
-21.1734, 24.6016

146.5820,
-16.0629, 18.7836

■ 153.2160,
-10.9525, 12.9656

■ 159.8500, -5.8421,
7.1475

■ 166.3700, -1.1684,
1.4295

■ 173.0040, 3.9420,
-4.3885

Harmonies

Analogous

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



113.0660, -23.2035, 69.2251



112.9390, -40.8889, 48.2885



109.5750, -49.0905, 18.7897

Triad

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



112.9390, -40.8889, 48.2885



95.2560, 14.6638, -83.5395



119.8170, 34.6002, 8.9305

Complementary

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



112.9390, -40.8889, 48.2885



85.0610, 40.8889, -48.2885

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.



94.3480, 55.5374, -80.1122



112.9390, -40.8889, 48.2885



99.6850, 34.1723, -87.4237

Square

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



112.9390, -40.8889, 48.2885



88.7240, -5.2869, -77.8109



99.5830, 49.0126, -87.3343



118.3250, 17.5878, 52.3350

Rectangle

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



112.9390, -40.8889, 48.2885



107.0110, -40.4314, -5.2716



99.5830, 49.0126, -87.3343



116.7760, 40.0434, -10.3276

Sweetspot

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



112.9390, -40.8889, 48.2885



197.4680, -16.4997, 18.8836



79.1280, 9.7969, 77.9407



96.8460, -9.7841, 11.5361



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



112.9390, -40.8889, 48.2885



132.6270, -64.3991, 75.7491



152.2680, -60.2781, 13.7970



80.7400, -2.3368, 2.8590



88.8640, -43.8100, 51.8623



11.8500, -5.8420, 7.1476

Inverse Universe

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



85.0610, 40.8889, -48.2885



88.9600, 64.1097, -76.2639



45.7320, 60.2781, -13.7970



79.2600, 2.3368, -2.8590



59.1360, 43.8100, -51.8623



8.1500, 5.8421, -7.1475

Previews

White Background



This preview shows how the YUV color 112.9390, -40.8889, 48.2885 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 112.9390, -40.8889, 48.2885 looks on a black 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

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

YUV 112.9390, -40.8889, 48.2885

Background



This preview shows how black text looks on a background with the YUV color 112.9390, -40.8889, 48.2885.



This preview shows how white text looks on a background with the YUV color 112.9390, -40.8889,

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

112.9390, -40.8889, 48.2885

Protanopia

112.6100, -38.7547, 17.0050

Deuteranopia

112.2590, -43.0187, 31.3449



Tritanopia

118.1200, -8.4402, 47.2528

Trichromacy



Original Color

112.9390, -40.8889, 48.2885

Protanomaly

112.8610, -39.3715, 28.1859

Deuteranomaly

112.2320, -42.0194, 37.5075

Tritanomaly

116.6180, -20.5177, 47.6930

Monochromacy



Original Color

112.9390, -40.8889, 48.2885

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.2120, -14.8945, 17.3541

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9390, -40.8889, 48.2885 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(168, 101, 30)` looks like.

```
.text, #text, p{  
    color:rgb(168, 101, 30)  
}
```

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(168, 101, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 101, 30) }
```

Border

The CSS property to change the border of an element to YUV 112.9390, -40.8889, 48.2885 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(168, 101, 30) }
```


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

```
.border{ border-color:rgb(168, 101, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 101, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 101, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 101, 30);  
box-shadow:4px 4px 4px 4px rgb(168, 101,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 112.9390, -40.8889, 48.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 101, 30) }
```

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

```
.background{ background-color: rgb(168,  
101, 30) }
```

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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