

Converting Colors

YUV(123.0630, -38.9781,
42.0407)

Have a look what the booklet for
YUV(123.0630, -38.9781, 42.0407)
contains.

YUV(123.0630, -38.9781, 42.0407)	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(123.0630, -38.9781,
42.0407)**

Conversions

Conversions Part 1

Format	Color
Hex	AB722C
RGB	171, 114, 44
RGB Percent	67%, 45%, 17%
CMY	0.3294, 0.5529, 0.8275
CMYK	0.00, 0.33, 0.74, 0.33
HSL	33°, 59%, 42%
HSV	33°, 74%, 67%
XYZ	23.2665, 20.8744, 5.1858
YIQ	123.0630, 56.4420, -9.6860

Conversions

Conversions Part 2

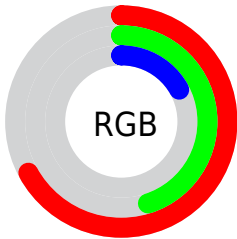
Format	Color
R_{YB}	147, 171, 44
Decimal	11235884
CIE _{Lab}	52.81, 16.17, 46.14
CIE _{LCh}	53, 48.897, 70.684
Yxy	20.8744, 0.4717, 0.4232
Android (android.graphics.Color)	4289425964 (0xFFAB722C)
YUV	123.0630, -38.9781, 42.0407
Hunter-Lab	45.6885, 10.9448, 25.2524

Details

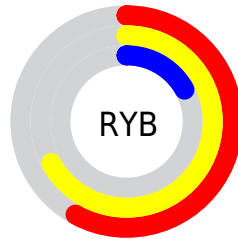
The YUV color **123.0630, -38.9781, 42.0407** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **91.9370, 38.9781, -42.0407**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9280, -40.8835, 46.5441**, and **72.8280, -35.9042, 36.1078** is the 20% darker color. If you saturate the color by 10%, you get **116.4290, -44.0885, 47.8588**, and if you desaturate by 10%, it is **129.6970, -33.8676, 36.2227**.

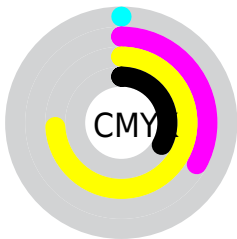
Distribution



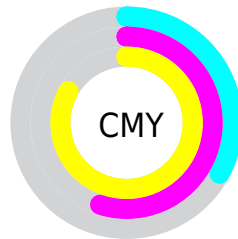
- Red (67%)
- Green (45%)
- Blue (17%)



- Red (58%)
- Yellow (67%)
- Blue (17%)



- Cyan (0%)
- Magenta (33%)
- Yellow (74%)
- Black (33%)





- Cyan (33%)
- Magenta (55%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.0630, -38.9781, 42.0407 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 123.0630, -38.9781, 42.0407 by changing the saturation by 10% instead.


 123.0630,
-38.9781, 42.0407


 123.0630,
-38.9781, 42.0407


255.0000, 0.0000,
0.0000


 96.7530, -38.8252,
39.6816


 176.9280,
-40.8835, 46.5441


 72.8280, -35.9042,
36.1078


 203.2160,
-41.0255, 45.4146


 51.8410, -25.5576,
30.8344


 222.6160,
-37.7717, 28.4008

 31.4410, -15.5004,
25.0462

 242.7170,
-34.3705, 10.7722

 10.7640, -5.3067,
22.1320

 248.8440,
-23.5871, 5.3988

 0.0000, 0.0000,
0.0000

 252.0360,

-11.3567, 2.5994

■ 123.0630,
-38.9781, 42.0407

■ 123.0630,
-38.9781, 42.0407

■ 116.4290,
-44.0885, 47.8588

■ 129.6970,
-33.8676, 36.2227

■ 110.3820,
-49.4883, 53.1620

■ 135.7440,
-28.4678, 30.9195

■ 106.3070,
-52.4094, 56.7358

■ 142.3780,
-23.3574, 25.1015

■ 149.0120,
-18.2469, 19.2835

■ 155.0590,
-12.8471, 13.9803

■ 161.8070, -7.2999,
8.0623

■ 168.4410, -2.1894,
2.2442

■ 174.4880, 3.2104,
-3.0590

■ 181.1220, 8.3209,
-8.8770

Harmonies

Analogous

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



124.4520, -25.3658, 62.7476



123.0630, -38.9781, 42.0407



120.3060, -41.0699, 12.8866

Triad

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



123.0630, -38.9781, 42.0407



102.2490, 18.6112, -89.6724



129.8950, 29.6318, 15.8781

Complementary

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



123.0630, -38.9781, 42.0407



91.9370, 38.9781, -42.0407

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.



119.9140, 43.9194, -40.2666



123.0630, -38.9781, 42.0407



105.6350, 36.6619, -92.6419

Square

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



123.0630, -38.9781, 42.0407



96.1730, 0.4077, -84.3437



104.3760, 49.6076, -91.5378



128.4730, 13.0778, 52.2052

Rectangle

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



123.0630, -38.9781, 42.0407



116.8130, -33.4318, -10.3600



104.3760, 49.6076, -91.5378



128.4630, 34.7747, -0.4061

Sweetspot

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



123.0630, -38.9781, 42.0407



203.5000, -15.0365, 16.2245



88.4710, 6.1768, 72.3779



101.0630, -8.9051, 9.5917



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



123.0630, -38.9781, 42.0407



147.1850, -60.7302, 65.6128



154.7280, -54.5889, 9.0085



83.6260, -2.7736, 2.9590



93.5710, -46.1305, 49.4882



14.5080, -7.1524, 7.4475

Inverse Universe

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



91.9370, 38.9781, -42.0407



98.8150, 60.7302, -65.6128



60.2720, 54.5889, -9.0085



81.3740, 2.7736, -2.9590



57.0160, 45.8411, -50.0030



8.4920, 7.1524, -7.4475

Previews

White Background



This preview shows how the YUV color 123.0630, -38.9781, 42.0407 looks on a white background.

Color Contrast Check

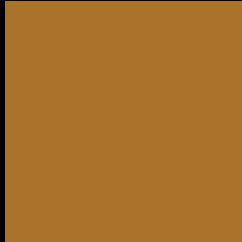
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 123.0630, -38.9781, 42.0407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

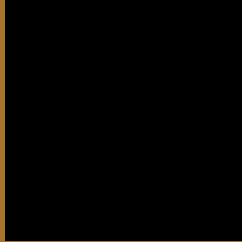
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.0630, -38.9781, 42.0407

Background



This preview shows how black text looks on a background with the YUV color 123.0630, -38.9781, 42.0407.



This preview shows how white text looks on a background with the YUV color 123.0630, -38.9781, 42.0407.

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

123.0630, -38.9781, 42.0407

Protanopia

122.0660, -37.0075, 16.6051

Deuteranopia

122.4700, -39.6717, 31.1598



Tritanopia

128.2440, -6.5293, 41.0050

Trichromacy



Original Color

123.0630, -38.9781, 42.0407

Protanomaly

122.3060, -37.6189, 26.0416

Deuteranomaly

122.9050, -39.3932, 35.1633

Tritanomaly

126.7420, -18.6068, 41.4453

Monochromacy



Original Color

123.0630, -38.9781, 42.0407

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0160, -14.3049, 14.8950

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.0630, -38.9781, 42.0407 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(171, 114, 44)` looks like.

```
.text, #text, p{  
    color:rgb(171, 114, 44)  
}
```

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(171, 114, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 114, 44) }
```

Border

The CSS property to change the border of an element to YUV 123.0630, -38.9781, 42.0407 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(171, 114, 44) }
```


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

```
.border{ border-color:rgb(171, 114, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 114, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 114, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 114, 44);  
box-shadow:4px 4px 4px 4px rgb(171, 114,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 123.0630, -38.9781, 42.0407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 114, 44) }
```

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

```
.background{ background-color: rgb(171,  
114, 44) }
```

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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