

Converting Colors

YUV(120.2440, -46.9553,
33.9890)

Have a look what the booklet for
YUV(120.2440, -46.9553, 33.9890)
contains.

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Color

**YUV(120.2440, -46.9553,
33.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	9F7719
RGB	159, 119, 25
RGB Percent	62%, 47%, 10%
CMY	0.3765, 0.5333, 0.9020
CMYK	0.00, 0.25, 0.84, 0.38
HSL	42°, 73%, 36%
HSV	42°, 84%, 62%
XYZ	21.0704, 20.6348, 3.7921
YIQ	120.2440, 54.0140, -20.7540

Conversions

Conversions Part 2

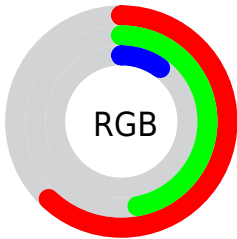
Format	Color
R_YB	82, 159, 25
Decimal	10450713
CIE Lab	52.55, 7.15, 52.87
CIE LCh	53, 53.352, 82.303
Yxy	20.6348, 0.4631, 0.4535
Android (android.graphics.Color)	4288640793 (0xFF9F7719)
YUV	120.2440, -46.9553, 33.9890
Hunter-Lab	45.4255, 3.3016, 26.8484

Details

The YUV color **120.2440, -46.9553, 33.9890** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **63.7560, 46.9553, -33.9890**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.1520, -47.4029, 37.5777**, and **72.4740, -35.7297, 26.7713** is the 20% darker color. If you saturate the color by 10%, you get **115.4850, -52.4971, 38.1627**, and if you desaturate by 10%, it is **125.0030, -41.4135, 29.8154**.

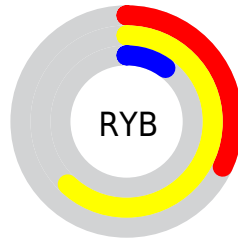
Distribution



Red (62%)

Green (47%)

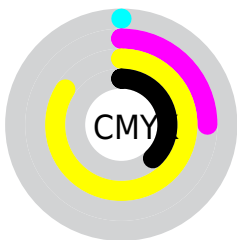
Blue (10%)



Red (32%)

Yellow (62%)

Blue (10%)

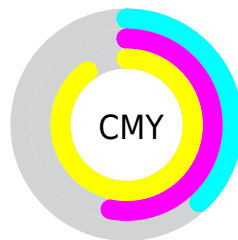


Cyan (0%)

Magenta (25%)

Yellow (84%)

Black (38%)



Cyan (38%)

Magenta (53%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.2440, -46.9553, 33.9890 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 120.2440, -46.9553, 33.9890 by changing the saturation by 10% instead.

■ 120.2440,
-46.9553, 33.9890

■ 120.2440,
-46.9553, 33.9890

■ 255.0000, 0.0000,
0.0000

■ 94.3470, -46.5131,
32.1447

■ 174.1520,
-47.4029, 37.5777

■ 72.4740, -35.7297,
26.7713

■ 201.9350,
-48.2820, 39.5220

■ 51.4870, -25.3831,
21.4979

■ 223.8410,
-45.7706, 27.3264

■ 31.3860, -15.4733,
16.3245

■ 243.9420,
-42.3694, 9.6979

■ 9.2360, -4.5533,
13.8250

■ 247.1340,
-30.1391, 6.8985

■ 0.0000, 0.0000,
0.0000

■ 250.3260,

-17.9087, 4.0991

253.6320, -5.2416,
1.1997

120.2440,
-46.9553, 33.9890

120.2440,
-46.9553, 33.9890

115.4850,
-52.4971, 38.1627

125.0030,
-41.4135, 29.8154

113.2850,
-55.8495, 40.0921

129.1750,
-35.5823, 26.1565

133.9340,
-30.0405, 21.9829

138.6930,
-24.4986, 17.8092

143.4520,
-18.9568, 13.6356

■ 147.5100,
-13.5624, 10.0767

■ 152.2690, -8.0206,
5.9031

■ 157.0280, -2.4788,
1.7294

■ 161.7870, 3.0630,
-2.4442

Harmonies

Analogous

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



122.4380, -34.2329, 60.1289



120.2440, -46.9553, 33.9890



116.2890, -42.0475, -0.2535

Triad

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



120.2440, -46.9553, 33.9890



104.4150, 26.9104, -91.5720



128.8050, 26.2251, 35.2510

Complementary

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



120.2440, -46.9553, 33.9890



63.7560, 46.9553, -33.9890

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.



124.3020, 42.2491, -17.8049



120.2440, -46.9553, 33.9890



106.3990, 44.6663, -93.3119

Square

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



120.2440, -46.9553, 33.9890



99.0570, 6.3809, -86.8730



103.2820, 55.5700, -90.5783



124.9650, 6.9193, 67.5597

Rectangle

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



120.2440, -46.9553, 33.9890



112.1420, -29.1570, -28.1885



103.2820, 55.5700, -90.5783



129.1990, 31.9469, 19.9965

Sweetspot

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



120.2440, -46.9553, 33.9890



191.6800, -18.0832, 13.4356



69.6260, -2.2806, 78.3810



95.4820, -11.0836, 8.3473



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



120.2440, -46.9553, 33.9890



147.0080, -72.4749, 52.6130



135.6510, -54.5509, -3.2019



76.9140, -2.9156, 1.8294



101.4570, -50.0183, 36.4332



10.9420, -5.3944, 3.5589

Inverse Universe

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



63.7560, 46.9553, -33.9890



59.9920, 72.4749, -52.6130



48.3490, 54.5509, 3.2019



73.6730, 2.6262, -2.3442



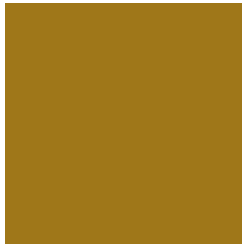
41.5430, 50.0183, -36.4332



4.6450, 5.1050, -4.0737

Previews

White Background



This preview shows how the YUV color 120.2440, -46.9553, 33.9890 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 120.2440, -46.9553, 33.9890 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 120.2440, -46.9553, 33.9890

Background



This preview shows how black text looks on a background with the YUV color 120.2440, -46.9553, 33.9890.



This preview shows how white text looks on a background with the YUV color 120.2440, -46.9553, 33.9890.

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

120.2440, -46.9553, 33.9890

Protanopia

119.1990, -45.4541, 19.1195

Deuteranopia

119.9450, -46.8079, 33.3742



Tritanopia

128.0580, -4.4656, 32.3981

Trichromacy



Original Color

120.2440, -46.9553, 33.9890

Protanomaly

119.4170, -46.0546, 25.0673

Deuteranomaly

119.9450, -46.8079, 33.3742

Tritanomaly

125.3450, -19.8901, 33.0234

Monochromacy



Original Color

120.2440, -46.9553, 33.9890

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.1960, -17.3516, 12.1061

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.2440, -46.9553, 33.9890 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(159, 119, 25)` looks like.

```
.text, #text, p{  
    color:rgb(159, 119, 25)  
}
```

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(159, 119, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 119, 25) }
```

Border

The CSS property to change the border of an element to YUV 120.2440, -46.9553, 33.9890 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(159, 119, 25) }
```


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

```
.border{ border-color:rgb(159, 119, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 119, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 119, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 119, 25);  
box-shadow:4px 4px 4px 4px rgb(159, 119,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 120.2440, -46.9553, 33.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 119, 25) }
```

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

```
.background{ background-color: rgb(159,  
119, 25) }
```

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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