

Converting Colors

YUV(120.6740, -49.1393,
34.4889)

Have a look what the booklet for
YUV(120.6740, -49.1393, 34.4889)
contains.

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Color

**YUV(120.6740, -49.1393,
34.4889)**

Conversions

Conversions Part 1

Format	Color
Hex	A07815
RGB	160, 120, 21
RGB Percent	63%, 47%, 8%
CMY	0.3725, 0.5294, 0.9176
CMYK	0.00, 0.25, 0.87, 0.37
HSL	43°, 77%, 35%
HSV	43°, 87%, 63%
XYZ	21.3490, 20.9607, 3.6301
YIQ	120.6740, 55.6190, -22.3090

Conversions

Conversions Part 2

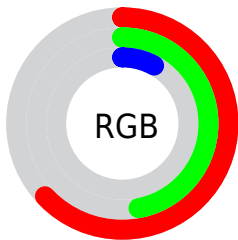
Format	Color
R _Y B	77, 160, 21
Decimal	10516501
CIE Lab	52.91, 6.93, 54.43
CIE LCh	53, 54.873, 82.749
Yxy	20.9607, 0.4647, 0.4563
Android (android.graphics.Color)	4288706581 (0xFFA07815)
YUV	120.6740, -49.1393, 34.4889
Hunter-Lab	45.7828, 3.1166, 27.3469

Details

The YUV color **120.6740, -49.1393, 34.4889** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **60.3260, 49.1393, -34.4889**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.1090, -48.8607, 38.4924**, and **73.3600, -36.1665, 26.8713** is the 20% darker color. If you saturate the color by 10%, you get **115.9150, -54.6811, 38.6625**, and if you desaturate by 10%, it is **125.4330, -43.5975, 30.3153**.

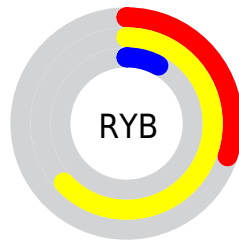
Distribution



Red (63%)

Green (47%)

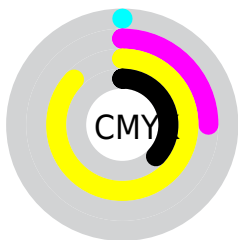
Blue (8%)



Red (30%)

Yellow (63%)

Blue (8%)

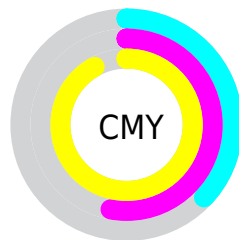


Cyan (0%)

Magenta (25%)

Yellow (87%)

Black (37%)



Cyan (37%)

Magenta (53%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.6740, -49.1393, 34.4889 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 120.6740, -49.1393, 34.4889 by changing the saturation by 10% instead.

■ 120.6740,
-49.1393, 34.4889

■ 120.6740,
-49.1393, 34.4889

255.0000, 0.0000,
0.0000

■ 95.2330, -46.9499,
32.2447

■ 175.1090,
-48.8607, 38.4924

■ 73.3600, -36.1665,
26.8713

■ 202.8920,
-49.7398, 40.4367

■ 52.0740, -25.6725,
20.9831

■ 224.2000,
-46.9336, 27.0116

■ 31.9730, -15.7627,
15.8097

■ 243.7140,
-43.2430, 9.8978

■ 10.7090, -5.2795,
13.4102

■ 246.7920,
-31.4495, 7.1984

■ 0.0000, 0.0000,
0.0000

■ 250.0980,

-18.7823, 4.2991

■ 253.2900, -6.5520,
1.4997

■ 120.6740,
-49.1393, 34.4889

■ 120.6740,
-49.1393, 34.4889

■ 115.9150,
-54.6811, 38.6625

■ 125.4330,
-43.5975, 30.3153

■ 114.7580,
-56.5757, 39.6772

■ 129.6050,
-37.7663, 26.6564

■ 134.3640,
-32.2245, 22.4828

■ 138.5360,
-26.3932, 18.8239

■ 143.2950,
-20.8514, 14.6503

■ 148.0540,
-15.3096, 10.4766

■ 152.2260, -9.4784,
6.8178

■ 156.9850, -3.9366,
2.6442

■ 161.1570, 1.8946,
-1.0147

Harmonies

Analogous

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



122.8080, -35.4013, 61.5584



120.6740, -49.1393, 34.4889



117.1210, -43.9367, -0.9831

Triad

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



120.6740, -49.1393, 34.4889



105.8170, 27.2052, -92.8015



129.9300, 26.6565, 36.8954

Complementary

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



120.6740, -49.1393, 34.4889



60.3260, 49.1393, -34.4889

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.



125.6440, 43.5595, -18.1048



120.6740, -49.1393, 34.4889



108.0290, 45.8347, -94.7414

Square

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



120.6740, -49.1393, 34.4889



99.7580, 6.5283, -87.4878



104.3250, 57.0278, -91.4930



125.3890, 7.2032, 69.8188

Rectangle

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



120.6740, -49.1393, 34.4889



112.0170, -29.5884, -29.8329



104.3250, 57.0278, -91.4930



130.0250, 32.5257, 21.0261

Sweetspot

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



120.6740, -49.1393, 34.4889



193.4520, -18.9568, 13.6356



67.3490, -2.1441, 81.2549



95.3680, -11.5204, 8.4473



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.



120.6740, -49.1393, 34.4889



149.9540, -73.9273, 51.7833



135.7820, -56.5875, -3.3168



76.9140, -2.9156, 1.8294



102.6310, -50.5971, 35.4036



10.9420, -5.3944, 3.5589

Inverse Universe

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



60.3260, 49.1393, -34.4889



59.0460, 73.9273, -51.7833



45.2180, 56.5875, 3.3168



73.0860, 2.9156, -1.8294



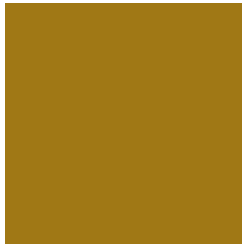
40.3690, 50.5971, -35.4036



4.0580, 5.3944, -3.5589

Previews

White Background



This preview shows how the YUV color 120.6740, -49.1393, 34.4889 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 120.6740, -49.1393, 34.4889 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 120.6740, -49.1393, 34.4889

Background



This preview shows how black text looks on a background with the YUV color 120.6740, -49.1393, 34.4889.



This preview shows how white text looks on a background with the YUV color 120.6740, -49.1393,

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

120.6740, -49.1393, 34.4889

Protanopia

119.9280, -47.7855, 20.2341

Deuteranopia

120.6740, -49.1393, 34.4889



Tritanopia

129.0580, -4.4656, 32.3981

Trichromacy



Original Color

120.6740, -49.1393, 34.4889

Protanomaly

119.8470, -48.2386, 25.5672

Deuteranomaly

120.6740, -49.1393, 34.4889

Tritanomaly

126.1170, -20.7637, 33.2234

Monochromacy



Original Color

120.6740, -49.1393, 34.4889

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0820, -17.7884, 12.2061

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.6740, -49.1393, 34.4889 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(160, 120, 21)` looks like.

```
.text, #text, p{  
    color:rgb(160, 120, 21)  
}
```

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(160, 120, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 120, 21) }
```

Border

The CSS property to change the border of an element to YUV 120.6740, -49.1393, 34.4889 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(160, 120, 21) }
```


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

```
.border{ border-color:rgb(160, 120, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 120, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 120, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 120, 21);  
box-shadow:4px 4px 4px 4px rgb(160, 120,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 120.6740, -49.1393, 34.4889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 120, 21) }
```

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

```
.background{ background-color: rgb(160,  
120, 21) }
```

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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