

Converting Colors

YUV(120.6940, -9.2161,
16.0544)

Have a look what the booklet for
YUV(120.6940, -9.2161, 16.0544)
contains.

YUV(120.6940, -9.2161, 16.0544)	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(120.6940, -9.2161,
16.0544)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7366
RGB	139, 115, 102
RGB Percent	55%, 45%, 40%
CMY	0.4549, 0.5490, 0.6000
CMYK	0.00, 0.17, 0.27, 0.45
HSL	21°, 15%, 47%
HSV	21°, 27%, 55%
XYZ	19.1765, 18.7097, 15.1710
YIQ	120.6940, 18.4770, 1.0450

Conversions

Conversions Part 2

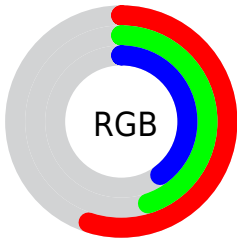
Format	Color
R_{YB}	139, 122, 102
Decimal	9139046
CIE _{Lab}	50.35, 7.28, 10.70
CIE _{LCh}	50, 12.947, 55.773
Yxy	18.7097, 0.3614, 0.3526
Android (android.graphics.Color)	4287329126 (0xFF8B7366)
YUV	120.6940, -9.2161, 16.0544
Hunter-Lab	43.2548, 3.4400, 9.4832

Details

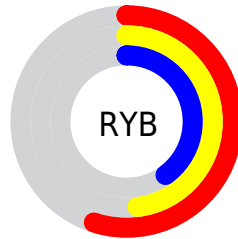
The YUV color **120.6940, -9.2161, 16.0544** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **120.3060, 9.2161, -16.0544**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.1780, -9.9478, 17.3839**, and **71.9110, -8.3371, 14.1101** is the 20% darker color. If you saturate the color by 10%, you get **113.8150, -12.7268, 22.0872**, and if you desaturate by 10%, it is **127.5730, -5.7055, 10.0215**.

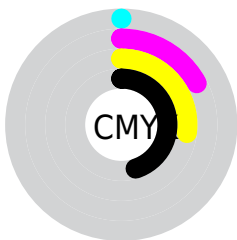
Distribution



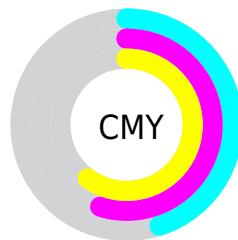
- Red (55%)
- Green (45%)
- Blue (40%)



- Red (55%)
- Yellow (48%)
- Blue (40%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)
- Black (45%)



- Cyan (45%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.6940, -9.2161, 16.0544 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 120.6940, -9.2161, 16.0544 by changing the saturation by 10% instead.

■ 120.6940, -9.2161,
16.0544

■ 120.6940, -9.2161,
16.0544

255.0000, 0.0000,
0.0000

■ 95.5090, -8.6319,
15.3396

■ 173.1780, -9.9478,
17.3839

■ 71.9110, -8.3371,
14.1101

■ 200.4770,
-10.0952, 17.9987

■ 49.4270, -7.6055,
12.7805

■ 228.6620,
-10.6794, 18.7134

■ 28.0140, -7.8949,
12.2657

■ 250.4860, -7.1416,
3.9588

■ 5.6810, -2.8007,
11.6808

■ 0.0000, 0.0000,
0.0000

■ 120.6940, -9.2161,
16.0544

■ 120.6940, -9.2161,
16.0544

■ 113.8150,
-12.7268, 22.0872

■ 127.5730, -5.7055,
10.0215

■ 106.9360,
-16.2374, 28.1201

■ 134.4520, -2.1948,
3.9886

■ 100.0570,
-19.7481, 34.1530

■ 141.3310, 1.3158,
-2.0443

■ 93.1780, -23.2588,
40.1859

■ 148.2100, 4.8265,
-8.0772

■ 86.4130, -26.3326,
46.1188

■ 154.9750, 7.9003,
-14.0101

■ 79.5340, -29.8433,
52.1517

■ 161.8540, 11.4110,
-20.0430

■ 72.6550, -33.3539,
58.1846

■ 168.7330, 14.9216,
-26.0758

■ 70.3240, -34.6697,

■ 175.6120, 18.4323,

60.2289

-32.1087

■ 182.4910, 21.9429,
-38.1416

Harmonies

Analogous

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



121.7420, -5.2958, 18.6433



120.6940, -9.2161, 16.0544



119.8950, -10.7942, 8.8621

Triad

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



120.6940, -9.2161, 16.0544



115.8190, 1.0752, -18.2583



121.1060, 9.3147, -0.9700

Complementary

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



120.6940, -9.2161, 16.0544



120.3060, 9.2161, -16.0544

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.



118.9090, 11.3839, -11.3212



120.6940, -9.2161, 16.0544



115.8770, 6.4696, -21.8171

Square

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



120.6940, -9.2161, 16.0544



117.2670, -5.0616, -9.8812



116.6260, 10.5374, -19.8430



121.7330, 5.0616, 9.8812

Rectangle

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



120.6940, -9.2161, 16.0544



118.7910, -9.7570, 2.8143



116.6260, 10.5374, -19.8430



120.3120, 10.1992, -4.6586

Sweetspot

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



120.6940, -9.2161, 16.0544



174.1210, -3.5107, 6.0329



115.7990, 5.0291, 20.3473



87.4520, -2.1948, 3.9886



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



120.6940, -9.2161, 16.0544



152.0820, -14.3374, 25.3611



131.2600, -14.4252, 6.7880



65.2670, -1.6106, 3.2738



67.3560, -33.2065, 57.5698



2.6690, -1.3158, 2.0443

Inverse Universe

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



120.3060, 9.2161, -16.0544



151.9180, 14.3374, -25.3611



109.7400, 14.4252, -6.7880



65.1460, 1.9000, -2.7590



65.6440, 33.2065, -57.5698



2.3310, 1.3158, -2.0443

Previews

White Background



This preview shows how the YUV color 120.6940, -9.2161, 16.0544 looks on a white background.

Color Contrast Check

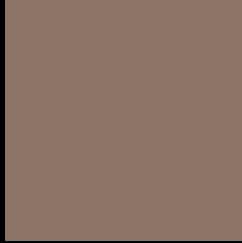
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.6940, -9.2161, 16.0544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

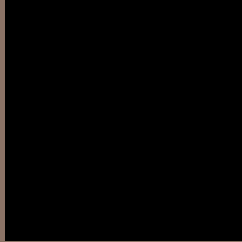
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.6940, -9.2161, 16.0544

Background



This preview shows how black text looks on a background with the YUV color 120.6940, -9.2161, 16.0544.

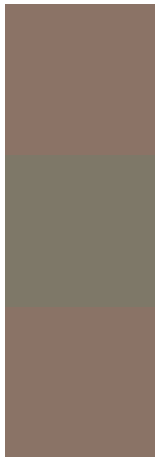


This preview shows how white text looks on a background with the YUV color 120.6940, -9.2161,

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

120.6940, -9.2161, 16.0544

Protanopia

119.9700, -7.8732, 5.2883

Deuteranopia

120.3950, -9.0687, 15.4396



Tritanopia

121.6970, -0.3436, 16.9287

Trichromacy



Original Color

120.6940, -9.2161, 16.0544

Protanomaly

120.1770, -8.4683, 9.4918

Deuteranomaly

120.3950, -9.0687, 15.4396

Tritanomaly

121.1870, -3.5432, 16.4990

Monochromacy



Original Color

120.6940, -9.2161, 16.0544

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.1210, -3.5107, 6.0329

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.6940, -9.2161, 16.0544 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(139, 115, 102)` looks like.

```
.text, #text, p{  
    color:rgb(139, 115, 102)  
}
```

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(139, 115, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 115, 102) }
```

Border

The CSS property to change the border of an element to YUV 120.6940, -9.2161, 16.0544 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(139, 115, 102) }
```


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

```
.border{ border-color:rgb(139, 115, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 115, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 115, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 115, 102);  
box-shadow:4px 4px 4px 4px rgb(139, 115,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 120.6940, -9.2161, 16.0544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 115, 102) }
```

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

```
.background{ background-color: rgb(139,  
115, 102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor