

Converting Colors

YUV(96.6940, -22.5271,
38.8564)

Have a look what the booklet for
YUV(96.6940, -22.5271, 38.8564)
contains.

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Color

**YUV(96.6940, -22.5271,
38.8564)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5333
RGB	141, 83, 51
RGB Percent	55%, 33%, 20%
CMY	0.4471, 0.6745, 0.8000
CMYK	0.00, 0.41, 0.64, 0.45
HSL	21°, 47%, 38%
HSV	21°, 64%, 55%
XYZ	14.6753, 12.0882, 4.6918
YIQ	96.6940, 44.8400, 2.3440

Conversions

Conversions Part 2

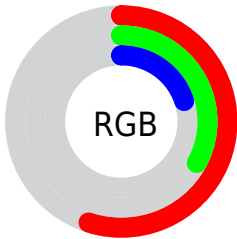
Format	Color
R_{YB}	141, 101, 51
Decimal	9261875
CIE _{Lab}	41.36, 21.01, 28.77
CIE _{LCh}	41, 35.629, 53.859
Yxy	12.0882, 0.4665, 0.3843
Android (android.graphics.Color)	4287451955 (0xFF8D5333)
YUV	96.6940, -22.5271, 38.8564
Hunter-Lab	34.7682, 14.4988, 16.3369

Details

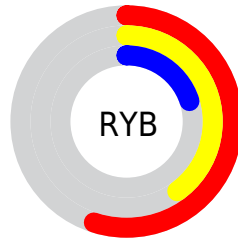
The YUV color **96.6940, -22.5271, 38.8564** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **95.3060, 22.5271, -38.8564**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.4450, -24.8694, 43.4597**, and **48.4160, -20.9111, 33.8382** is the 20% darker color. If you saturate the color by 10%, you get **89.8150, -26.0378, 44.8892**, and if you desaturate by 10%, it is **103.5730, -19.0165, 32.8235**.

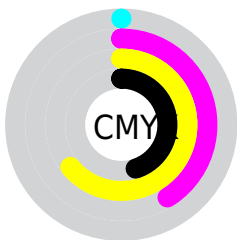
Distribution



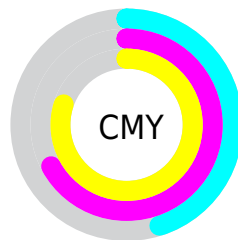
- Red (55%)
- Green (33%)
- Blue (20%)



- Red (55%)
- Yellow (40%)
- Blue (20%)



- Cyan (0%)
- Magenta (41%)
- Yellow (64%)
- Black (45%)





- Cyan (45%)
- Magenta (67%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.6940, -22.5271, 38.8564 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 96.6940, -22.5271, 38.8564 by changing the saturation by 10% instead.


 96.6940, -22.5271,
38.8564


 96.6940, -22.5271,
38.8564


255.0000, 0.0000,
0.0000


 71.7260, -21.0639,
36.1973


 148.4450,
-24.8694, 43.4597


 48.4160, -20.9111,
33.8382

 175.2280,
-25.7484, 45.4040


 26.7450, -13.1853,
29.1646

 202.4130,
-26.3326, 46.1188

 11.3620, -5.6015,
23.3615

 221.9270,
-22.6420, 29.0050

 0.0000, 0.0000,
0.0000

 242.1420,
-18.8040, 11.2765

 252.3780,

-10.0464, 2.2995

■ 96.6940, -22.5271,
38.8564

■ 96.6940, -22.5271,
38.8564

■ 89.8150, -26.0378,
44.8892

■ 103.5730,
-19.0165, 32.8235

■ 82.9360, -29.5484,
50.9221

■ 110.4520,
-15.5058, 26.7906

■ 76.0570, -33.0591,
56.9550

■ 117.3310,
-11.9952, 20.7577

■ 71.5090, -35.2539,
60.9436

■ 124.2100, -8.4845,
14.7248

■ 131.2030, -4.5371,
8.5920

■ 138.6690, -1.3158,
2.0443

■ 145.5480, 2.1948,
-3.9886

■ 152.4270, 5.7055,
-10.0215

■ 159.3060, 9.2161,
-16.0544

Harmonies

Analogous

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



97.5500, -10.6241, 47.7527



96.6940, -22.5271, 38.8564



95.2760, -28.7301, 21.6829

Triad

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



96.6940, -22.5271, 38.8564



76.0040, 6.9000, -66.6555



98.1280, 26.0659, -7.1283

Complementary

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



96.6940, -22.5271, 38.8564



95.3060, 22.5271, -38.8564

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.



82.3280, 35.8273, -58.1697



96.6940, -22.5271, 38.8564



79.4240, 20.0040, -69.6548

Square

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



96.6940, -22.5271, 38.8564



87.7950, -12.7169, -27.8842



80.3990, 31.3553, -70.5099



100.8670, 15.3486, 23.7956

Rectangle

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



96.6940, -22.5271, 38.8564



93.2310, -27.2289, 6.8134



80.3990, 31.3553, -70.5099



95.4360, 28.8721, -20.5534

Sweetspot

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



96.6940, -22.5271, 38.8564



166.5090, -8.6319, 15.3396



84.5220, 12.0677, 49.5312



81.3880, -5.1213, 9.3067



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.



96.6940, -22.5271, 38.8564



113.8080, -35.4013, 61.5584



123.1090, -35.5497, 15.6904



67.8540, -1.9000, 2.7590



68.5410, -33.7907, 58.2845



4.1530, -2.0474, 3.3738

Inverse Universe

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



95.3060, 22.5271, -38.8564



111.6050, 35.6907, -61.0436



68.8910, 35.5497, -15.6904



67.7330, 1.6106, -3.2738



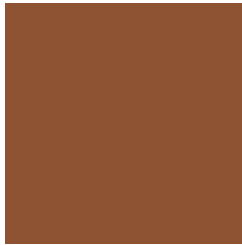
66.4590, 33.7907, -58.2845



3.8470, 2.0474, -3.3738

Previews

White Background



This preview shows how the YUV color 96.6940, -22.5271, 38.8564 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 96.6940, -22.5271, 38.8564 looks on a black 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

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

YUV 96.6940, -22.5271, 38.8564

Background



This preview shows how black text looks on a background with the YUV color 96.6940, -22.5271, 38.8564.



This preview shows how white text looks on a background with the YUV color 96.6940, -22.5271,

38.8564.

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

96.6940, -22.5271, 38.8564

Protanopia

96.2020, -19.8196, 10.3468

Deuteranopia

96.3560, -23.3465, 21.6128



Tritanopia

98.8200, -6.8133, 38.7459

Trichromacy



Original Color

96.6940, -22.5271, 38.8564

Protanomaly

96.6270, -21.0151, 20.4981

Deuteranomaly

96.2150, -22.7840, 27.8754

Tritanomaly

97.7400, -12.1968, 38.8160

Monochromacy



Original Color

96.6940, -22.5271, 38.8564

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9110, -8.3371, 14.1101

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.6940, -22.5271, 38.8564 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(141, 83, 51)` looks like.

```
.text, #text, p{  
    color:rgb(141, 83, 51)  
}
```

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(141, 83, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 83, 51) }
```

Border

The CSS property to change the border of an element to YUV 96.6940, -22.5271, 38.8564 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(141, 83, 51) }
```


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

```
.border{ border-color:rgb(141, 83, 51) }
```

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

Here you see how a box with a 4 pixel rgb(141, 83, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 83, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 83, 51);  
box-shadow:4px 4px 4px 4px rgb(141, 83,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 96.6940, -22.5271, 38.8564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 83, 51) }
```

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

```
.background{ background-color: rgb(141, 83,  
51) }
```

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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