

Converting Colors

YUV(111.2040, -22.7786,
26.1311)

Have a look what the booklet for
YUV(111.2040, -22.7786, 26.1311)
contains.

YUV(111.2040, -22.7786, 26.1311)	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(111.2040, -22.7786,
26.1311)**

Conversions

Conversions Part 1

Format	Color
Hex	8D6941
RGB	141, 105, 65
RGB Percent	55%, 41%, 25%
CMY	0.4471, 0.5882, 0.7451
CMYK	0.00, 0.26, 0.54, 0.45
HSL	32°, 37%, 40%
HSV	32°, 54%, 55%
XYZ	16.9902, 16.1475, 7.2223
YIQ	111.2040, 34.2960, -4.8080

Conversions

Conversions Part 2

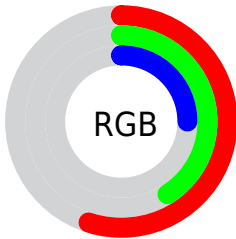
Format	Color
R_{YB}	133, 141, 65
Decimal	9267521
CIE _{Lab}	47.17, 9.39, 27.95
CIE _{LCh}	47, 29.483, 71.438
Yxy	16.1475, 0.4210, 0.4001
Android (android.graphics.Color)	4287457601 (0xFF8D6941)
YUV	111.2040, -22.7786, 26.1311
Hunter-Lab	40.1840, 5.1497, 17.4725

Details

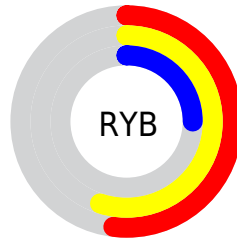
The YUV color **111.2040, -22.7786, 26.1311** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **94.7960, 22.7786, -26.1311**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4710, -24.3892, 29.4049**, and **62.6380, -21.0205, 22.2425** is the 20% darker color. If you saturate the color by 10%, you get **105.4990, -26.8680, 31.1344**, and if you desaturate by 10%, it is **116.9090, -18.6891, 21.1278**.

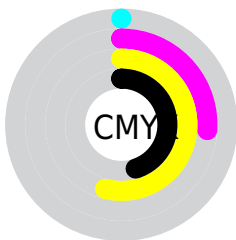
Distribution



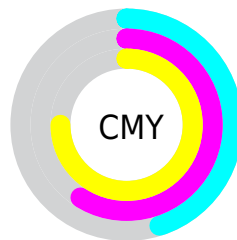
- Red (55%)
- Green (41%)
- Blue (25%)



- Red (52%)
- Yellow (55%)
- Blue (25%)



- Cyan (0%)
- Magenta (26%)
- Yellow (54%)
- Black (45%)



- Cyan (45%)
- Magenta (59%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.2040, -22.7786, 26.1311 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 111.2040, -22.7786, 26.1311 by changing the saturation by 10% instead.

■ 111.2040,
-22.7786, 26.1311

■ 111.2040,
-22.7786, 26.1311

■ 255.0000, 0.0000,
0.0000

■ 86.4210, -21.8996,
24.1868

■ 163.4710,
-24.3892, 29.4049

■ 62.6380, -21.0205,
22.2425

■ 190.5420,
-25.4102, 30.2197

■ 40.2680, -19.8521,
20.8130

■ 219.0260,
-26.1418, 31.5492

■ 21.0530, -10.3791,
15.7395

■ 238.5400,
-22.4512, 14.4354

■ 0.0000, 0.0000,
0.0000

■ 251.1240,
-14.8511, 3.3993

■ 254.4300, -2.1840,

0.4999

■ 111.2040,
-22.7786, 26.1311

■ 111.2040,
-22.7786, 26.1311

■ 105.4990,
-26.8680, 31.1344

■ 116.9090,
-18.6891, 21.1278

■ 100.3810,
-31.2468, 35.6229

■ 122.0270,
-14.3103, 16.6393

■ 94.6760, -35.3363,
40.6261

■ 127.7320,
-10.2209, 11.6360

■ 88.9710, -39.4257,
45.6294

■ 133.4370, -6.1314,
6.6328

■ 85.5970, -42.1993,
48.5884

■ 138.6690, -1.3158,
2.0443

■ 144.3740, 2.7736,
-2.9590

■ 150.0790, 6.8631,
-7.9623

■ 155.1970, 11.2419,
-12.4508

■ 160.9020, 15.3313,
-17.4541

Harmonies

Analogous

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



112.7030, -16.1226, 37.9715



111.2040, -22.7786, 26.1311



108.9800, -23.1611, 8.7875

Triad

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



111.2040, -22.7786, 26.1311



91.3550, 14.6150, -67.8403



114.8330, 16.8443, 10.6705

Complementary

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



111.2040, -22.7786, 26.1311



94.7960, 22.7786, -26.1311

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.



110.6060, 24.3512, -17.1945



111.2040, -22.7786, 26.1311



88.6170, 27.3038, -77.7171

Square

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



111.2040, -22.7786, 26.1311



101.2590, -3.0857, -37.0611



101.0210, 28.0906, -50.0074



114.6200, 6.5963, 31.0283

Rectangle

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



111.2040, -22.7786, 26.1311



107.3310, -18.8972, -5.5523



101.0210, 28.0906, -50.0074



113.8750, 19.7816, 1.8636

Sweetspot

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



111.2040, -22.7786, 26.1311



172.3620, -9.0525, 10.2065



91.9420, 4.9586, 43.0239



85.2520, -5.5472, 5.9180



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.



111.2040, -22.7786, 26.1311



136.8610, -35.9205, 41.3409



132.0370, -33.0492, 6.9836



68.4410, -2.1894, 2.2442



82.0420, -40.4467, 46.4442



4.7400, -2.3368, 2.8590

Inverse Universe

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



94.7960, 22.7786, -26.1311



111.1390, 35.9205, -41.3409



73.9630, 33.0492, -6.9836



67.1460, 1.9000, -2.7590



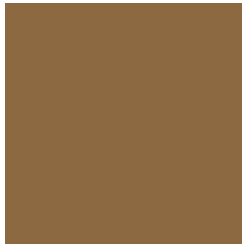
52.9580, 40.4467, -46.4442



3.2600, 2.3368, -2.8590

Previews

White Background



This preview shows how the YUV color 111.2040, -22.7786, 26.1311 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 111.2040, -22.7786, 26.1311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

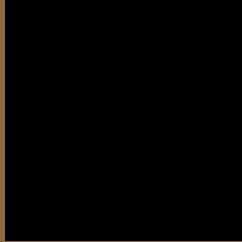
Any Text WCAG AA × Fail

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 111.2040, -22.7786, 26.1311 Background



This preview shows how black text looks on a background with the YUV color 111.2040, -22.7786, 26.1311.



This preview shows how white text looks on a background with the YUV color 111.2040, -22.7786, 26.1311.

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

111.2040, -22.7786, 26.1311

Protanopia

110.2730, -20.8406, 11.1616

Deuteranopia

111.1820, -22.7677, 22.6424



Tritanopia

114.2530, -3.5757, 26.9651

Trichromacy



Original Color

111.2040, -22.7786, 26.1311

Protanomaly

110.4910, -21.4411, 17.1094

Deuteranomaly

110.8940, -22.6257, 23.7720

Tritanomaly

113.4180, -10.5591, 26.8204

Monochromacy



Original Color

111.2040, -22.7786, 26.1311

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.1770, -8.4683, 9.4918

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.2040, -22.7786, 26.1311 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, 105, 65)` looks like.

```
.text, #text, p{  
    color:rgb(141, 105, 65)  
}
```

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, 105, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 105, 65) }
```

Border

The CSS property to change the border of an element to YUV 111.2040, -22.7786, 26.1311 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, 105, 65) }
```


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

```
.border{ border-color:rgb(141, 105, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 105, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 105, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 105, 65);  
box-shadow:4px 4px 4px 4px rgb(141, 105,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 111.2040, -22.7786, 26.1311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 105, 65) }
```

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

```
.background{ background-color: rgb(141,  
105, 65) }
```

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