

Converting Colors

YUV(155.9640, -22.1673,
16.6946)

Have a look what the booklet for
YUV(155.9640, -22.1673, 16.6946)
contains.

YUV(155.9640, -22.1673, 16.6946)	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(155.9640, -22.1673,
16.6946)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9B6F
RGB	175, 155, 111
RGB Percent	69%, 61%, 44%
CMY	0.3137, 0.3922, 0.5647
CMYK	0.00, 0.11, 0.37, 0.31
HSL	41°, 29%, 56%
HSV	41°, 37%, 69%
XYZ	32.2698, 33.7043, 19.8437
YIQ	155.9640, 26.0440, -9.4440

Conversions

Conversions Part 2

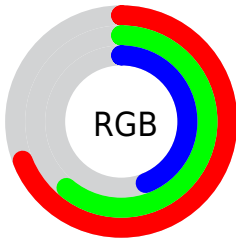
Format	Color
RYB	140, 175, 111
Decimal	11508591
CIELab	64.73, 0.85, 25.79
CIElCh	65, 25.806, 88.117
Yxy	33.7043, 0.3760, 0.3927
Android (android.graphics.Color)	4289698671 (0xFFAF9B6F)
YUV	155.9640, -22.1673, 16.6946
Hunter-Lab	58.0554, -2.3788, 20.3731

Details

The YUV color **155.9640, -22.1673, 16.6946** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **130.0360, 22.1673, -16.6946**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3340, -23.3357, 18.1241**, and **104.4090, -20.4146, 14.5503** is the 20% darker color. If you saturate the color by 10%, you get **151.0910, -28.1459, 20.9682**, and if you desaturate by 10%, it is **160.9510, -15.7518, 12.3210**.

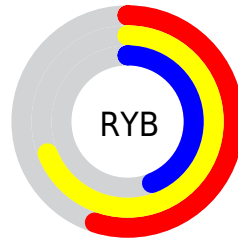
Distribution



Red (69%)

Green (61%)

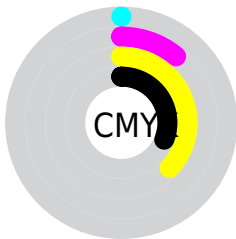
Blue (44%)



Red (55%)

Yellow (69%)

Blue (44%)

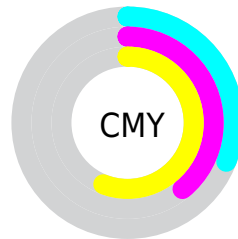


Cyan (0%)

Magenta (11%)

Yellow (37%)

Black (31%)



Cyan (31%)

Magenta (39%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.9640, -22.1673, 16.6946 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 155.9640, -22.1673, 16.6946 by changing the saturation by 10% instead.

■ 155.9640,
-22.1673, 16.6946

■ 155.9640,
-22.1673, 16.6946

■ 255.0000, 0.0000,
0.0000

■ 129.7790,
-21.5830, 15.9798

■ 210.3340,
-23.3357, 18.1241

■ 104.4090,
-20.4146, 14.5503

■ 237.6110,
-23.4722, 15.2502

■ 80.2240, -19.8304,
13.8356

■ 250.7820,
-16.1615, 3.6992

■ 56.7400, -19.0988,
12.5060

■ 254.0880, -3.4944,
0.7998

■ 35.4840, -17.4936,
10.9765

■ 15.6820, -7.7312,
6.4179

■ 0.0000, 0.0000,

0.0000

■ 155.9640,
-22.1673, 16.6946

■ 155.9640,
-22.1673, 16.6946

■ 151.0910,
-28.1459, 20.9682

■ 160.9510,
-15.7518, 12.3210

■ 145.5170,
-34.2719, 25.8566

■ 166.4110,
-10.0626, 7.5326

■ 140.6440,
-40.2505, 30.1302

■ 171.2840, -4.0840,
3.2589

■ 135.0700,
-46.3765, 35.0186

■ 176.8580, 2.0420,
-1.6295

■ 130.1970,
-52.3551, 39.2922

■ 181.8450, 8.4574,
-6.0031

■ 124.6230,
-58.4811, 44.1806

■ 187.3050, 14.1466,
-10.7915

■ 122.7650,
-60.5231, 45.8101

■ 192.2920, 20.5620,
-15.1651

■ 197.7520, 26.2513,
-19.9535

■ 201.1430, 26.5515,
-22.9274

Harmonies

Analogous

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



157.8610, -19.1585, 31.6939



155.9640, -22.1673, 16.6946



153.4670, -18.4712, -2.1636

Triad

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



155.9640, -22.1673, 16.6946



145.2090, 16.1660, -51.9263



160.5910, 10.5546, 21.4067

Complementary

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



155.9640, -22.1673, 16.6946



130.0360, 22.1673, -16.6946

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.



159.3370, 19.0609, -0.2955



155.9640, -22.1673, 16.6946



148.6750, 22.8382, -45.3190

Square

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



155.9640, -22.1673, 16.6946



147.3600, 3.7665, -41.5347



154.7360, 23.7942, -25.2015



160.4050, -0.6927, 35.6018

Rectangle

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



155.9640, -22.1673, 16.6946



151.5730, -12.6075, -16.2885



154.7360, 23.7942, -25.2015



160.0570, 13.7759, 14.8590

Sweetspot

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



155.9640, -22.1673, 16.6946



219.4540, -8.6048, 6.6178



132.4160, -0.6981, 37.3462



110.3550, -5.1050, 4.0737



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



155.9640, -22.1673, 16.6946



197.4030, -34.7087, 25.9566



164.1160, -26.1862, -0.9787



84.2130, -3.0630, 2.4442



105.3110, -51.9183, 39.1923



16.2690, -8.0206, 5.9031

Inverse Universe

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



130.0360, 22.1673, -16.6946



156.5970, 34.7087, -25.9566



121.8840, 26.1862, 0.9787



80.7870, 3.0630, -2.4442



44.6890, 51.9183, -39.1923



6.7310, 8.0206, -5.9031

Previews

White Background



This preview shows how the YUV color 155.9640, -22.1673, 16.6946 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 155.9640, -22.1673, 16.6946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

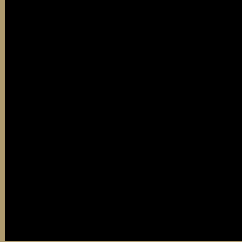
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.9640, -22.1673, 16.6946

Background



This preview shows how black text looks on a background with the YUV color 155.9640, -22.1673, 16.6946.



This preview shows how white text looks on a background with the YUV color 155.9640, -22.1673, 16.6946.

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

155.9640, -22.1673, 16.6946

Protanopia

155.4580, -21.4248, 11.8763

Deuteranopia

156.7310, -22.0524, 26.5459



Tritanopia

159.5230, 0.2352, 17.9583

Trichromacy



Original Color

155.9640, -22.1673, 16.6946

Protanomaly

155.4690, -21.4302, 13.6207

Deuteranomaly

156.7090, -22.0415, 23.0572

Tritanomaly

158.0470, -7.9112, 17.4988

Monochromacy



Original Color

155.9640, -22.1673, 16.6946

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.2690, -8.0206, 5.9031

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.9640, -22.1673, 16.6946 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(175, 155, 111)` looks like.

```
.text, #text, p{  
    color:rgb(175, 155, 111)  
}
```

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(175, 155, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 155, 111) }
```

Border

The CSS property to change the border of an element to YUV 155.9640, -22.1673, 16.6946 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(175, 155, 111) }
```


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

```
.border{ border-color:rgb(175, 155, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 155, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 155, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 155, 111);  
box-shadow:4px 4px 4px 4px rgb(175, 155,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 155.9640, -22.1673, 16.6946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 155, 111) }
```

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

```
.background{ background-color: rgb(175,  
155, 111) }
```

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