

Converting Colors

YUV(127.0630, -25.6671,
19.2387)

Have a look what the booklet for
YUV(127.0630, -25.6671, 19.2387)
contains.

YUV(127.0630, -25.6671, 19.2387)	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(127.0630, -25.6671,
19.2387)**

Conversions

Conversions Part 1

Format	Color
Hex	957E4B
RGB	149, 126, 75
RGB Percent	58%, 49%, 29%
CMY	0.4157, 0.5059, 0.7059
CMYK	0.00, 0.15, 0.50, 0.42
HSL	41°, 33%, 44%
HSV	41°, 50%, 58%
XYZ	21.1253, 21.8193, 9.7547
YIQ	127.0630, 30.0790, -10.9850

Conversions

Conversions Part 2

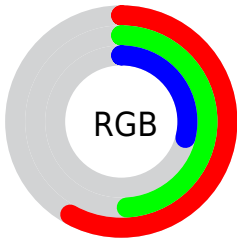
Format	Color
R_{YB}	108, 149, 75
Decimal	9797195
CIE _{Lab}	53.83, 1.86, 30.91
CIE _{LCh}	54, 30.969, 86.558
Yxy	21.8193, 0.4009, 0.4140
Android (android.graphics.Color)	4287987275 (0xFF957E4B)
YUV	127.0630, -25.6671, 19.2387
Hunter-Lab	46.7111, -1.0171, 20.3162

Details

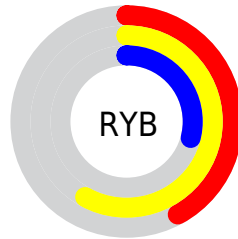
The YUV color **127.0630, -25.6671, 19.2387** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **96.9370, 25.6671, -19.2387**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.6180, -27.4197, 21.3830**, and **77.2090, -23.7670, 16.4797** is the 20% darker color. If you saturate the color by 10%, you get **122.4180, -30.7721, 23.3124**, and if you desaturate by 10%, it is **131.7080, -20.5620, 15.1651**.

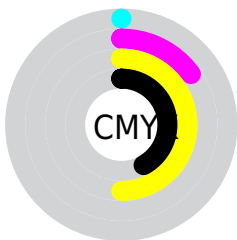
Distribution



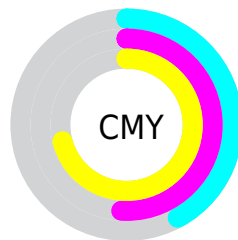
- Red (58%)
- Green (49%)
- Blue (29%)



- Red (42%)
- Yellow (58%)
- Blue (29%)



- Cyan (0%)
- Magenta (15%)
- Yellow (50%)
- Black (42%)



- Cyan (42%)
- Magenta (51%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.0630, -25.6671, 19.2387 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 127.0630, -25.6671, 19.2387 by changing the saturation by 10% instead.

■ 127.0630,
-25.6671, 19.2387

■ 127.0630,
-25.6671, 19.2387

■ 255.0000, 0.0000,
0.0000

■ 101.5790,
-24.9354, 17.9092

■ 180.6180,
-27.4197, 21.3830

■ 77.2090, -23.7670,
16.4797

■ 207.8030,
-28.0039, 22.0978

■ 54.0840, -24.1984,
14.8353

■ 233.8950,
-27.5562, 18.5091

■ 33.4240, -16.4780,
11.9062

■ 249.4140,
-21.4031, 4.8989

■ 13.6220, -6.7156,
7.3475

■ 252.6060, -9.1728,
2.0995

■ 0.0000, 0.0000,
0.0000

■ 127.0630,
-25.6671, 19.2387

■ 127.0630,
-25.6671, 19.2387

■ 122.4180,
-30.7721, 23.3124

■ 131.7080,
-20.5620, 15.1651

■ 118.3600,
-36.1665, 26.8713

■ 135.7660,
-15.1676, 11.6062

■ 113.7150,
-41.2715, 30.9449

■ 140.4110,
-10.0626, 7.5326

■ 109.0700,
-46.3765, 35.0186

■ 145.0560, -4.9576,
3.4589

■ 105.0120,
-51.7709, 38.5775

■ 149.1140, 0.4368,
-0.1000

■ 153.6450, 5.1050,
-4.0737

■ 157.7030, 10.4994,
-7.6325

■ 162.3480, 15.6044,

-11.7062

■ 166.9930, 20.7095,
-15.7799

Harmonies

Analogous

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



129.1990, -21.7901, 35.7825



127.0630, -25.6671, 19.2387



124.2560, -21.8182, -1.9785

Triad

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



127.0630, -25.6671, 19.2387



103.9710, 23.6783, -81.5356



132.4710, 12.5858, 23.2659

Complementary

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



127.0630, -25.6671, 19.2387



96.9370, 25.6671, -19.2387

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.



130.2380, 22.5607, -2.8397



127.0630, -25.6671, 19.2387



111.6660, 29.7447, -67.2361

Square

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



127.0630, -25.6671, 19.2387



114.3370, 5.2569, -52.9155



123.3480, 28.9154, -34.5082



131.4810, 0.7489, 39.9202

Rectangle

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



127.0630, -25.6671, 19.2387



121.5790, -15.0754, -18.0478



123.3480, 28.9154, -34.5082



131.8660, 16.8281, 15.9035

Sweetspot

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



127.0630, -25.6671, 19.2387



185.4110, -10.0626, 7.5326



99.7480, -0.8618, 43.1940



91.4260, -6.1260, 4.8884



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



127.0630, -25.6671, 19.2387



159.6440, -40.2505, 30.1302



136.3780, -30.2594, -1.2085



72.0280, -2.4788, 1.7294



97.0270, -47.8343, 35.9333



7.0990, -3.4998, 2.5442

Inverse Universe

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



96.9370, 25.6671, -19.2387



112.3560, 40.2505, -30.1302



87.6220, 30.2594, 1.2085



68.9720, 2.4788, -1.7294



40.9730, 47.8343, -35.9333



2.9010, 3.4998, -2.5442

Previews

White Background



This preview shows how the YUV color 127.0630, -25.6671, 19.2387 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 127.0630, -25.6671, 19.2387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

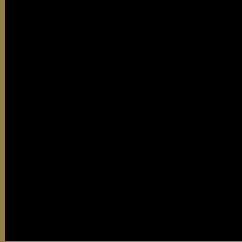
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.0630, -25.6671, 19.2387

Background



This preview shows how black text looks on a background with the YUV color 127.0630, -25.6671, 19.2387.



This preview shows how white text looks on a background with the YUV color 127.0630, -25.6671, 19.2387.

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

127.0630, -25.6671, 19.2387

Protanopia

126.5460, -24.9192, 12.6762

Deuteranopia

127.8080, -25.5413, 25.6014



Tritanopia

131.1920, -1.0807, 20.0026

Trichromacy



Original Color

127.0630, -25.6671, 19.2387

Protanomaly

126.8560, -25.0720, 15.0353

Deuteranomaly

127.4980, -25.3885, 23.2423

Tritanomaly

129.4880, -10.1006, 19.7430

Monochromacy



Original Color

127.0630, -25.6671, 19.2387

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.2260, -9.4784, 6.8178

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.0630, -25.6671, 19.2387 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(149, 126, 75)` looks like.

```
.text, #text, p{  
    color:rgb(149, 126, 75)  
}
```

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(149, 126, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 126, 75) }
```

Border

The CSS property to change the border of an element to YUV 127.0630, -25.6671, 19.2387 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(149, 126, 75) }
```


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

```
.border{ border-color:rgb(149, 126, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 126, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 126, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 126, 75);  
box-shadow:4px 4px 4px 4px rgb(149, 126,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 127.0630, -25.6671, 19.2387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 126, 75) }
```

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

```
.background{ background-color: rgb(149,  
126, 75) }
```

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