

Converting Colors

YUV(156.9950, -25.6335,
55.2554)

Have a look what the booklet for
YUV(156.9950, -25.6335, 55.2554)
contains.

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Color

**YUV(156.9950, -25.6335,
55.2554)**

Conversions

Conversions Part 1

Format	Color
Hex	DC8769
RGB	220, 135, 105
RGB Percent	86%, 53%, 41%
CMY	0.1373, 0.4706, 0.5882
CMYK	0.00, 0.39, 0.52, 0.14
HSL	16°, 62%, 64%
HSV	16°, 52%, 86%
XYZ	40.7290, 33.5635, 17.6964
YIQ	156.9950, 60.2900, 8.6900

Conversions

Conversions Part 2

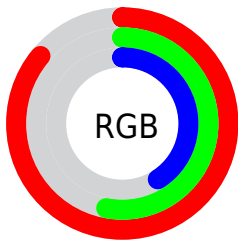
Format	Color
R _Y B	220, 146, 105
Decimal	14452585
CIE Lab	64.61, 29.48, 29.85
CIE LCh	65, 41.950, 45.353
Yxy	33.5635, 0.4428, 0.3649
Android (android.graphics.Color)	4292642665 (0xFFDC8769)
YUV	156.9950, -25.6335, 55.2554
Hunter-Lab	57.9340, 24.1051, 22.4433

Details

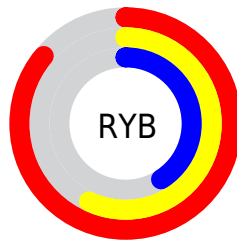
The YUV color **156.9950, -25.6335, 55.2554** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **168.0050, 25.6335, -55.2554**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.0860, -23.7064, 43.7746**, and **103.9450, -23.1439, 50.0372** is the 20% darker color. If you saturate the color by 10%, you get **145.0950, -30.6128, 65.6917**, and if you desaturate by 10%, it is **168.8950, -20.6542, 44.8191**.

Distribution



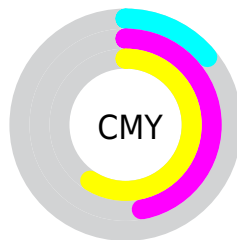
- Red (86%)
- Green (53%)
- Blue (41%)



- Red (86%)
- Yellow (57%)
- Blue (41%)



- Cyan (0%)
- Magenta (39%)
- Yellow (52%)
- Black (14%)





- Cyan (14%)
- Magenta (47%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YUV color 156.9950, -25.6335, 55.2554 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 156.9950, -25.6335, 55.2554 by changing the saturation by 10% instead.

 156.9950,
-25.6335, 55.2554


 156.9950,
-25.6335, 55.2554


255.0000, 0.0000,
0.0000

 130.0270,
-24.1703, 52.5963


 205.0860,
-23.7064, 43.7746

 103.9450,
-23.1439, 50.0372


 224.6000,
-20.0158, 26.6608


 78.9770, -21.6807,
47.3782

 244.7010,
-16.6146, 9.0322

 54.0090, -20.2174,
44.7191

 253.2900, -6.5520,
1.4997

 29.7790, -14.6810,
42.2898

 15.2490, -7.5178,
31.3536

 4.4850, -2.2111,

9.2217

■ 0.0000, 0.0000,
0.0000

■ 156.9950,
-25.6335, 55.2554

■ 156.9950,
-25.6335, 55.2554

■ 145.0950,
-30.6128, 65.6917

■ 168.8950,
-20.6542, 44.8191

■ 132.6080,
-35.3027, 76.6428

■ 181.3820,
-15.9643, 33.8680

■ 120.7080,
-40.2820, 87.0791

■ 193.2820,
-10.9850, 23.4317

■ 108.8080,
-45.2613, 97.5154

■ 205.1820, -6.0057,
12.9954

■ 99.2390, -48.9248,
105.9074

■ 217.0820, -1.0264,
2.5591

■ 229.5690, 3.6635,
-8.3920

■ 241.0130, 6.8956,
-18.4284

■ 244.5350, 5.1592,
-21.5172

Harmonies

Analogous

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



158.8660, -9.7939, 61.5075



156.9950, -25.6335, 55.2554



155.0560, -35.0306, 35.9079

Triad

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



156.9950, -25.6335, 55.2554



137.7780, -0.3836, -63.8263



155.6730, 36.1502, -21.6382

Complementary

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



156.9950, -25.6335, 55.2554



168.0050, 25.6335, -55.2554

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.



138.7970, 44.4701, -76.9980



156.9950, -25.6335, 55.2554



123.2620, 25.5068, -108.1008

Square

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



156.9950, -25.6335, 55.2554



146.9990, -22.1845, -24.5551



125.3770, 41.2261, -109.9556



161.4350, 23.9425, 20.6665

Rectangle

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



156.9950, -25.6335, 55.2554



153.3050, -36.1394, 18.1495



125.3770, 41.2261, -109.9556



151.6710, 39.1092, -37.4225

Sweetspot

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



156.9950, -25.6335, 55.2554



232.7160, -9.2270, 19.5431



149.1890, 20.6128, 62.1012



114.5840, -5.7109, 11.7658



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



156.9950, -25.6335, 55.2554



166.7930, -35.8869, 77.3575



189.8670, -41.8394, 26.4266



104.0500, -2.4896, 5.2182



78.1420, -38.5240, 83.1905



20.7980, -10.2534, 22.1022

Inverse Universe

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



168.0050, 25.6335, -55.2554



182.2070, 35.8869, -77.3575



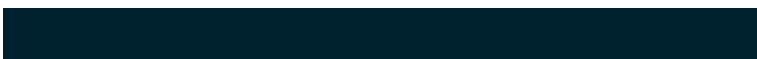
135.1330, 41.8394, -26.4266



104.9500, 2.4896, -5.2182



94.8580, 38.5240, -83.1905



25.2020, 10.2534, -22.1022

Previews

White Background



This preview shows how the YUV color 156.9950, -25.6335, 55.2554 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 156.9950, -25.6335, 55.2554 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 156.9950, -25.6335, 55.2554

Background



This preview shows how black text looks on a background with the YUV color 156.9950, -25.6335, 55.2554.



This preview shows how white text looks on a background with the YUV color 156.9950, -25.6335, 55.2554.

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

156.9950, -25.6335, 55.2554

Protanopia

155.6860, -20.5512, 11.6764

Deuteranopia

156.1890, -26.7152, 28.7752



Tritanopia

158.9470, -9.3409, 56.1745

Trichromacy



Original Color

156.9950, -25.6335, 55.2554

Protanomaly

156.3290, -22.3472, 27.7755

Deuteranomaly

156.6570, -26.4529, 38.0118

Tritanomaly

158.3400, -15.4506, 55.8298

Monochromacy



Original Color

156.9950, -25.6335, 55.2554

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.0150, -9.3744, 20.1578

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.9950, -25.6335, 55.2554 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(220, 135, 105)` looks like.

```
.text, #text, p{  
    color:rgb(220, 135, 105)  
}
```

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(220, 135, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 135, 105) }
```

Border

The CSS property to change the border of an element to YUV 156.9950, -25.6335, 55.2554 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(220, 135, 105) }
```


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

```
.border{ border-color:rgb(220, 135, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 135, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 135, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 135, 105);  
box-shadow:4px 4px 4px 4px rgb(220, 135,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 156.9950, -25.6335, 55.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 135, 105) }
```

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

```
.background{ background-color: rgb(220,  
135, 105) }
```

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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