

Converting Colors

YUV(165.9490, -35.9639,
55.2957)

Have a look what the booklet for
YUV(165.9490, -35.9639, 55.2957)
contains.

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Color

**YUV(165.9490, -35.9639,
55.2957)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E5945D |
| RGB | 229, 148, 93 |
| RGB Percent | 90%, 58%, 36% |
| CMY | 0.1020, 0.4196, 0.6353 |
| CMYK | 0.00, 0.35, 0.59, 0.10 |
| HSL | 24°, 72%, 63% |
| HSV | 24°, 59%, 90% |
| XYZ | 44.8788, 38.6281, 15.4465 |
| YIQ | 165.9490, 65.9310, 0.0670 |

Conversions

Conversions Part 2

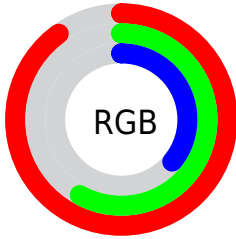
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 229, 185, 93 |
| Decimal | 15045725 |
| CIE Lab | 68.48, 25.21, 41.35 |
| CIE LCh | 68, 48.425, 58.634 |
| Yxy | 38.6281, 0.4535, 0.3904 |
| Android (android.graphics.Color) | 4293235805 (0xFFE5945D) |
| YUV | 165.9490, -35.9639, 55.2957 |
| Hunter-Lab | 62.1515, 20.1273, 28.7707 |

Details

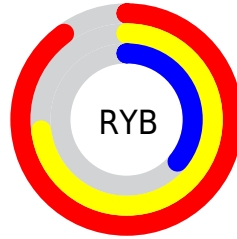
The YUV color **165.9490, -35.9639, 55.2957** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **156.0510, 35.9639, -55.2957**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.3490, -32.7101, 38.2819**, and **112.6000, -33.3268, 49.4628** is the 20% darker color. If you saturate the color by 10%, you get **155.1090, -41.9587, 64.8024**, and if you desaturate by 10%, it is **176.7890, -29.9690, 45.7890**.

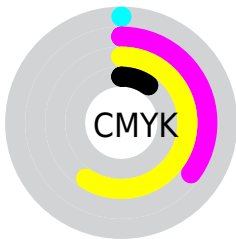
Distribution



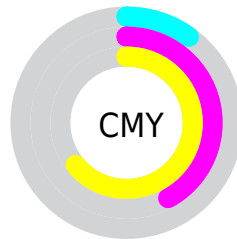
- Red (90%)
- Green (58%)
- Blue (36%)



- Red (90%)
- Yellow (73%)
- Blue (36%)



- Cyan (0%)
- Magenta (35%)
- Yellow (59%)
- Black (10%)



- Cyan (10%)
- Magenta (42%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.9490, -35.9639, 55.2957 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 165.9490, -35.9639, 55.2957 by changing the saturation by 10% instead.

165.9490,
-35.9639, 55.2957

165.9490,
-35.9639, 55.2957

255.0000, 0.0000,
0.0000

138.8670,
-34.9374, 52.7366

211.3490,
-32.7101, 38.2819

112.6000,
-33.3268, 49.4628

231.3360,
-29.7456, 20.7533

86.4040, -32.7372,
47.0037

248.6160,
-24.4607, 5.5988

62.2510, -30.6897,
43.6299

251.8080,
-12.2303, 2.7994

40.3780, -19.9064,
38.2565

19.3910, -9.5598,
32.9831

9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,
0.0000

■ 165.9490,
-35.9639, 55.2957

■ 165.9490,
-35.9639, 55.2957

■ 155.1090,
-41.9587, 64.8024

■ 176.7890,
-29.9690, 45.7890

■ 144.8560,
-48.2430, 73.7943

■ 187.0420,
-23.6847, 36.7972

■ 134.0160,
-54.2379, 83.3010

■ 197.8820,
-17.6898, 27.2905

■ 123.1760,
-60.2328, 92.8076

■ 208.7220,
-11.6949, 17.7838

■ 123.0620,
-60.6696, 92.9076

■ 218.9750, -5.4107,
8.7919

■ 229.7010, 0.1474,
-0.6148

■ 239.9540, 6.4317,
-9.6067

■ 247.2260, 3.8326,
-15.9842

Harmonies

Analogous

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



167.2880, -19.8620, 70.7844



165.9490, -35.9639, 55.2957



163.3510, -42.5710, 27.7562

Triad

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



165.9490, -35.9639, 55.2957



129.5250, 16.5032, -113.5934



169.3210, 36.8167, -2.0355

Complementary

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



165.9490, -35.9639, 55.2957



156.0510, 35.9639, -55.2957

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.



155.0360, 48.7893, -62.2986



165.9490, -35.9639, 55.2957



134.6550, 36.1591, -118.0924

Square

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



165.9490, -35.9639, 55.2957



150.9790, -15.2726, -48.2166



134.8950, 52.3098, -118.3029



171.9430, 20.2411, 41.2690

Rectangle

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



165.9490, -35.9639, 55.2957



160.4190, -39.1536, 4.8945



134.8950, 52.3098, -118.3029



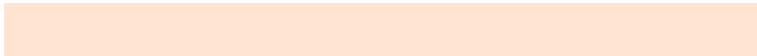
166.6500, 41.0916, -19.8640

Sweetspot

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



165.9490, -35.9639, 55.2957



233.9070, -12.2792, 18.4986



143.0120, 15.7701, 75.4115



114.7150, -7.7475, 11.6509



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.



165.9490, -35.9639, 55.2957



170.9700, -47.8062, 73.6943



205.2780, -55.3531, 20.8042



109.5230, -3.2158, 4.8033



95.7850, -47.2220, 72.9796



27.5760, -13.5950, 20.5428

Inverse Universe

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



156.0510, 35.9639, -55.2957



158.0300, 47.8062, -73.6943



116.7220, 55.3531, -20.8042



108.4770, 3.2158, -4.8033



82.6280, 47.5114, -72.4648



23.4240, 13.5950, -20.5428

Previews

White Background



This preview shows how the YUV color 165.9490, -35.9639, 55.2957 looks on a white background.

Color Contrast Check

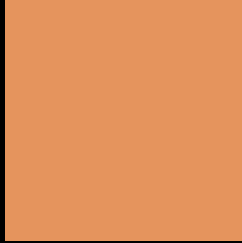
Large Text (above 18pt) WCAG AA × Fail

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 165.9490, -35.9639, 55.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

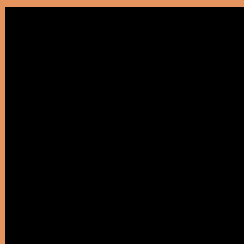
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.9490, -35.9639, 55.2957

Background



This preview shows how black text looks on a background with the YUV color 165.9490, -35.9639, 55.2957.



This preview shows how white text looks on a background with the YUV color 165.9490, -35.9639, 55.2957.

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

165.9490, -35.9639, 55.2957

Protanopia

164.1460, -31.6240, 16.5350

Deuteranopia

165.4750, -37.2092, 34.6634



Tritanopia

169.6480, -9.1935, 55.5597

Trichromacy



Original Color

165.9490, -35.9639, 55.2957

Protanomaly

164.7780, -33.4146, 30.8897

Deuteranomaly

165.9320, -36.9415, 42.1556

Tritanomaly

168.7160, -19.0870, 55.5001

Monochromacy



Original Color

165.9490, -35.9639, 55.2957

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.6900, -13.1582, 20.4429

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.9490, -35.9639, 55.2957 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(229, 148, 93)` looks like.

```
.text, #text, p{  
    color:rgb(229, 148, 93)  
}
```

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(229, 148, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 148, 93) }
```

Border

The CSS property to change the border of an element to YUV 165.9490, -35.9639, 55.2957 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(229, 148, 93) }
```


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

```
.border{ border-color:rgb(229, 148, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 148, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 148, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 148, 93);  
box-shadow:4px 4px 4px 4px rgb(229, 148,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 165.9490, -35.9639, 55.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 148, 93) }
```

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

```
.background{ background-color: rgb(229,  
148, 93) }
```

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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