

Converting Colors

YUV(145.1180, -49.3582,
11.2975)

Have a look what the booklet for
YUV(145.1180, -49.3582, 11.2975)
contains.

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Color

**YUV(145.1180, -49.3582,
11.2975)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9E2D
RGB	158, 158, 45
RGB Percent	62%, 62%, 18%
CMY	0.3804, 0.3804, 0.8235
CMYK	0.00, 0.00, 0.72, 0.38
HSL	60°, 56%, 40%
HSV	60°, 72%, 62%
XYZ	26.8011, 31.9123, 7.2297
YIQ	145.1180, 36.2730, -35.1430

Conversions

Conversions Part 2

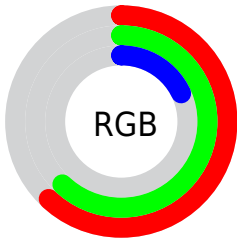
Format	Color
RYB	45, 158, 45
Decimal	10395181
CIELab	63.27, -13.81, 55.69
CIELCh	63, 57.372, 103.926
Yxy	31.9123, 0.4064, 0.4839
Android (android.graphics.Color)	4288585261 (0xFF9E9E2D)
YUV	145.1180, -49.3582, 11.2975
Hunter-Lab	56.4910, -14.1732, 31.9557

Details

The YUV color **145.1180, -49.3582, 11.2975** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **57.8820, 49.3582, -11.2975**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.0150, -49.8004, 13.1418**, and **93.6060, -46.1478, 8.2385** is the 20% darker color. If you saturate the color by 10%, you get **143.2940, -56.3469, 12.8972**, and if you desaturate by 10%, it is **146.9420, -42.3694, 9.6979**.

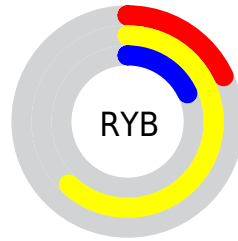
Distribution



Red (62%)

Green (62%)

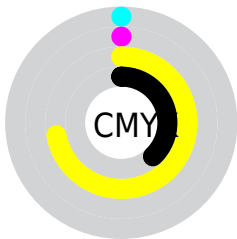
Blue (18%)



Red (18%)

Yellow (62%)

Blue (18%)

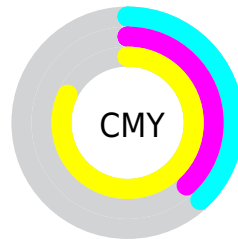


Cyan (0%)

Magenta (0%)

Yellow (72%)

Black (38%)



Cyan (38%)

Magenta (38%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.1180, -49.3582, 11.2975 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 145.1180, -49.3582, 11.2975 by changing the saturation by 10% instead.

■ 145.1180,
-49.3582, 11.2975

■ 145.1180,
-49.3582, 11.2975

■ 255.0000, 0.0000,
0.0000

■ 117.7220,
-52.1209, 10.7678

■ 200.0150,
-49.8004, 13.1418

■ 93.6060, -46.1478,
8.2385

■ 228.9720,
-51.2582, 14.0566

■ 71.7440, -35.3698,
4.6095

■ 243.3720,
-44.5534, 10.1978

■ 50.4690, -24.8812,
0.4657

■ 246.4500,
-32.7599, 7.4983

■ 30.0800, -14.8294,
-3.5782

■ 249.7560,
-20.0927, 4.5990

■ 11.1530, -5.4984,
-9.7812

■ 253.0620, -7.4256,

■ 0.0000, 0.0000,

1.6996

0.0000

■ 145.1180,
-49.3582, 11.2975

■ 145.1180,
-49.3582, 11.2975

■ 143.2940,
-56.3469, 12.8972

■ 146.9420,
-42.3694, 9.6979

■ 141.4700,
-63.3357, 14.4968

■ 148.7660,
-35.3806, 8.0982

■ 139.9880,
-69.0141, 15.7965

■ 150.4760,
-28.8287, 6.5985

■ 152.3000,
-21.8399, 4.9989

■ 154.1240,
-14.8511, 3.3993

■ 155.9480, -7.8624,
1.7996

■ 157.7720, -0.8736,
0.2000

■ 159.4820, 5.6784,
-1.2997

■ 161.3060, 12.6671,
-2.8994

Harmonies

Analogous

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



149.1640, -48.8879, 47.2142



145.1180, -49.3582, 11.2975



138.2400, -31.1773, -33.5365

Triad

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



145.1180, -49.3582, 11.2975



128.1470, 46.7625, -112.3849



155.3870, 13.6132, 67.1896

Complementary

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



145.1180, -49.3582, 11.2975



57.8820, 49.3582, -11.2975

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.



158.1010, 33.9672, 25.3444



145.1180, -49.3582, 11.2975



126.0560, 61.5974, -110.5511

Square

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



145.1180, -49.3582, 11.2975



124.5500, 25.3649, -109.2303



147.9770, 51.7763, -40.3218



151.5960, -10.1538, 83.6693

Rectangle

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



145.1180, -49.3582, 11.2975



125.5730, -9.6495, -78.5555



147.9770, 51.7763, -40.3218



156.8570, 20.7765, 56.2534

Sweetspot

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



145.1180, -49.3582, 11.2975



201.9840, -19.2191, 4.3990



78.7870, -16.6570, 69.4698



101.9220, -11.7935, 2.6994



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



145.1180, -49.3582, 11.2975



186.7080, -77.7500, 17.7961



128.3740, -41.1034, -23.1300



78.0880, -3.4944, 0.7998



126.6980, -62.4621, 14.2969



13.2900, -6.5520, 1.4997

Inverse Universe

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



57.8820, 49.3582, -11.2975



49.2920, 77.7500, -17.7961



74.9250, 40.9560, 23.7448



71.9120, 3.4944, -0.7998



16.3020, 62.4621, -14.2969



1.7100, 6.5520, -1.4997

Previews

White Background



This preview shows how the YUV color 145.1180, -49.3582, 11.2975 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 145.1180, -49.3582, 11.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

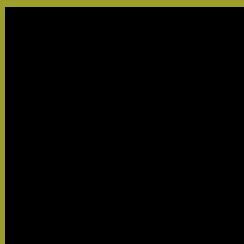
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 145.1180, -49.3582, 11.2975

Background



This preview shows how black text looks on a background with the YUV color 145.1180, -49.3582, 11.2975.



This preview shows how white text looks on a background with the YUV color 145.1180, -49.3582, 11.2975.

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

145.1180, -49.3582, 11.2975

Protanopia

146.2550, -50.4117, 22.5784

Deuteranopia

148.2230, -48.4239, 38.3924



Tritanopia

154.6470, 2.1460, 11.7106

Trichromacy



Original Color

145.1180, -49.3582, 11.2975

Protanomaly

145.9340, -50.2535, 18.4749

Deuteranomaly

147.3420, -48.9756, 28.6411

Tritanomaly

151.1250, -16.3306, 11.2914

Monochromacy



Original Color

145.1180, -49.3582, 11.2975

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.3260, -17.9087, 4.0991

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.1180, -49.3582, 11.2975 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(158, 158, 45)` looks like.

```
.text, #text, p{  
    color:rgb(158, 158, 45)  
}
```

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(158, 158, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 158, 45) }
```

Border

The CSS property to change the border of an element to YUV 145.1180, -49.3582, 11.2975 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(158, 158, 45) }
```


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

```
.border{ border-color:rgb(158, 158, 45) }
```

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

Here you see how a box with a 4 pixel rgb(158, 158, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 158, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 158, 45);  
box-shadow:4px 4px 4px 4px rgb(158, 158,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 145.1180, -49.3582, 11.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 158, 45) }
```

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

```
.background{ background-color: rgb(158,  
158, 45) }
```

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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