

Converting Colors

HunterLab(49.7167, -5.2044,
25.2791)

Have a look what the booklet for
HunterLab(49.7167, -5.2044,
25.2791) contains.

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Color

**HunterLab(49.7167, -5.2044,
25.2791)**

Conversions

Conversions Part 1

Format	Color
Hex	99883D
RGB	153, 136, 61
RGB Percent	60%, 53%, 24%
CMY	0.4000, 0.4667, 0.7608
CMYK	0.00, 0.11, 0.60, 0.40
HSL	49°, 43%, 42%
HSV	49°, 60%, 60%
XYZ	22.7833, 24.7175, 7.9850
YIQ	132.5330, 34.2070, -19.7210

Conversions

Conversions Part 2

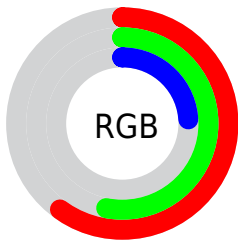
Format	Color
R _Y B	82, 153, 61
Decimal	10061885
CIE Lab	56.80, -3.20, 41.80
CIE LCh	57, 41.923, 94.372
Yxy	24.7187, 0.4106, 0.4455
Android (android.graphics.Color)	4288251965 (0xFF99883D)
YUV	132.5330, -35.2658, 17.9496
Hunter-Lab	49.7167, -5.2044, 25.2791

Details

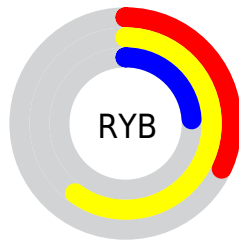
The HunterLab color $49.7167, -5.2044, 25.2791$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $29.5643, 11.0456, -42.0273$, and the grayscale version is $48.3721, -2.5810, 2.6281$.

A 20% lighter version of the original color is $71.4830, -6.8294, 31.4542$, and $30.8038, -4.0541, 18.4128$ is the 20% darker color. If you saturate the color by 10%, you get $48.7759, -4.7153, 26.8683$, and if you desaturate by 10%, it is $50.7094, -5.4573, 23.0924$.

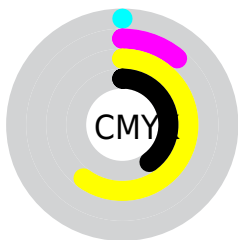
Distribution



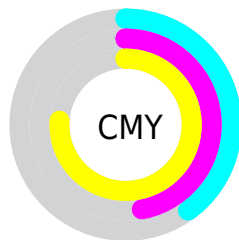
- Red (60%)
- Green (53%)
- Blue (24%)



- Red (32%)
- Yellow (60%)
- Blue (24%)



- Cyan (0%)
- Magenta (11%)
- Yellow (60%)
- Black (40%)



- Cyan (40%)
- Magenta (47%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7167, -5.2044, 25.2791 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 HunterLab color 49.7167, -5.2044, 25.2791 by changing the saturation by 10% instead.

■ 49.7167, -5.2044,
25.2791

■ 49.7167, -5.2044,
25.2791

166.2630,
-12.7164, 50.2168

■ 39.8341, -4.4929,
21.9331

■ 71.5545, -6.7081,
31.4648

■ 30.7091, -3.8042,
18.3604

■ 83.4266, -7.4961,
34.3664

■ 22.4121, -3.1389,
14.8736

■ 95.8911, -8.3083,
37.1710

■ 15.0359, -2.4940,
10.5251

■ 108.9211, -9.1443,
39.8952

■ 8.6766, -2.0683,
6.0736

■ 122.4931,
-10.0036, 42.5522

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.5861,

-10.8857, 45.1527

0.0000, NaN, NaN

151.1817,
-11.7901, 47.7051

0.0000, NaN, NaN

■ 49.7167, -5.2044,
25.2791

■ 49.7167, -5.2044,
25.2791

■ 48.7759, -4.7153,
26.8683

■ 50.7094, -5.4573,
23.0924

■ 47.8820, -3.9950,
27.8802

■ 51.7514, -5.4626,
20.2975

■ 47.0337, -3.0621,
28.3538

■ 52.8442, -5.2201,
16.8946

■ 46.2303, -1.9942,
28.4520

■ 53.9874, -4.7305,
12.8911

■ 55.1807, -3.9973,
8.2995

■ 56.4234, -3.0256,
3.1368

■ 57.7144, -1.8220,
-2.5767

■ 59.0528, -0.3942,
-8.8190

■ 60.4372, 1.2491,
-15.5662

Harmonies

Analogous

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



49.7179, 12.8289, 23.8473



49.7167, -5.2044, 25.2791



49.7179, -20.3386, 22.6059

Triad

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



49.7179, -5.2063, 25.2796



49.7179, -27.5964, -19.0891



49.7179, 31.6456, -13.3107

Complementary

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



49.7167, -5.2044, 25.2791



29.5643, 11.0456, -42.0273

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.



49.7179, 17.9069, -31.8295



49.7167, -5.2044, 25.2791



49.7179, -16.4499, -35.8990

Square

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



49.7179, -5.2063, 25.2796



49.7179, -32.0740, 0.1919



49.7179, -0.0522, -41.2256



49.7179, 35.7441, 5.0958

Rectangle

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



49.7167, -5.2044, 25.2791



49.7179, -27.2590, 18.0320



49.7179, -0.0522, -41.2256



49.7179, 27.9161, -19.9096

Sweetspot

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



49.7179, -5.2063, 25.2796



72.5267, -6.1802, 16.2184



32.6808, 31.4642, 7.1291



33.8823, -3.0095, 8.3535



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



49.7179, -5.2063, 25.2796



64.8732, -6.0258, 36.4857



52.4494, -21.1701, 26.9575



26.5119, -1.8792, 3.7669



42.0818, -1.9018, 25.8973



5.5620, -0.9029, 3.4115

Inverse Universe

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



29.5643, 11.0456, -42.0273



33.1779, 22.3140, -75.6151



27.8241, 25.0856, -46.6340



24.9035, -0.7741, -1.1646



16.2346, 27.8783, -80.4731



2.8204, 1.1784, -6.0692

Previews

White Background



This preview shows how the HunterLab color 49.7167, -5.2044, 25.2791 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 HunterLab color 49.7167, -5.2044, 25.2791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

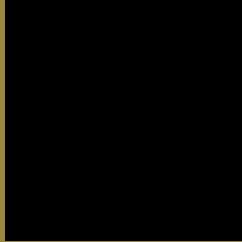
Any Text WCAG AA ✓ Pass

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](#).

HunterLab 49.7167, -5.2044, 25.2791 Background



This preview shows how black text looks on a background with the HunterLab color 49.7167, -5.2044, 25.2791.



This preview shows how white text looks on a background with the HunterLab color 49.7167, -5.2044,

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

49.7167, -5.2044, 25.2791

Protanopia

49.8072, -6.3457, 25.3244

Deuteranopia

49.7586, 3.4737, 25.1184



Tritanopia

49.7463, 9.1218, 2.1554

Trichromacy



Original Color

49.7167, -5.2044, 25.2791

Protanomaly

49.9035, -6.0037, 25.3999

Deuteranomaly

49.6355, 0.2562, 25.1458

Tritanomaly

49.5242, 2.8468, 12.9056

Monochromacy



Original Color

49.7167, -5.2044, 25.2791

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.6695, -4.5059, 12.9657

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7167, -5.2044, 25.2791 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(153, 136, 61)` looks like.

```
.text, #text, p{  
    color:rgb(153, 136, 61)  
}
```

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(153, 136, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 136, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7167, -5.2044, 25.2791 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(153, 136, 61) }
```


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

```
.border{ border-color:rgb(153, 136, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 136, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 136, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 136, 61);  
box-shadow:4px 4px 4px 4px rgb(153, 136,  
61) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7167, -5.2044, 25.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 136, 61) }
```

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

```
.background{ background-color: rgb(153,  
136, 61) }
```

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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