

Converting Colors

HunterLab(49.3049, -33.2544,
21.4691)

Have a look what the booklet for
HunterLab(49.3049, -33.2544,
21.4691) contains.

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Color

**HunterLab(49.2913,
-33.3153, 21.5654)**

Conversions

Conversions Part 1

Format	Color
Hex	3D994C
RGB	61, 153, 76
RGB Percent	24%, 60%, 30%
CMY	0.7608, 0.4000, 0.7020
CMYK	0.60, 0.00, 0.50, 0.40
HSL	130°, 43%, 42%
HSV	130°, 60%, 60%
XYZ	14.6202, 24.2963, 10.7566
YIQ	116.7140, -30.1150, -43.4510

Conversions

Conversions Part 2

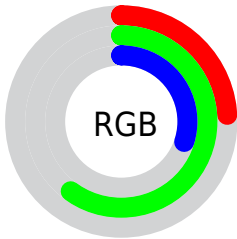
Format	Color
R_{YB}	61, 140, 153
Decimal	4036940
CIE _{Lab}	56.38, -44.10, 32.34
CIE _{LCh}	56, 54.686, 143.741
Yxy	24.2973, 0.2943, 0.4891
Android (android.graphics.Color)	4282227020 (0xFF3D994C)
YUV	116.7140, -20.0720, -48.8612
Hunter-Lab	49.2913, -33.3153, 21.5654

Details

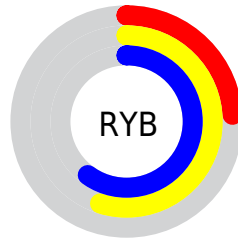
The HunterLab color $49.2913, -33.3153, 21.5654$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $34.5618, 39.6790, -19.2578$, and the grayscale version is $42.1506, -2.2491, 2.2901$.

A 20% lighter version of the original color is $70.9930, -39.6105, 26.5673$, and $30.6451, -25.3014, 16.3149$ is the 20% darker color. If you saturate the color by 10%, you get $48.7015, -36.0861, 23.6177$, and if you desaturate by 10%, it is $50.0502, -29.8432, 19.1724$.

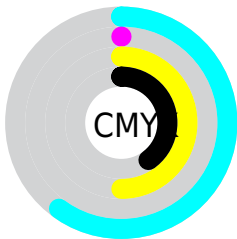
Distribution



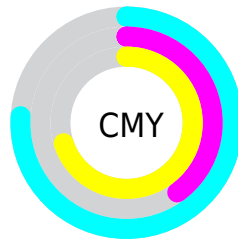
- Red (24%)
- Green (60%)
- Blue (30%)



- Red (24%)
- Yellow (55%)
- Blue (60%)



- Cyan (60%)
- Magenta (0%)
- Yellow (50%)
- Black (40%)



- Cyan (76%)
- Magenta (40%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.2913, -33.3153, 21.5654 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 49.2913, -33.3153, 21.5654 by changing the saturation by 10% instead.

■ 49.2913, -33.3153,
21.5654

■ 49.2913, -33.3153,
21.5654

165.6262,
-58.6801, 41.9554

■ 39.4390, -29.9216,
18.9005

■ 71.0739, -39.5828,
26.5276

■ 30.3469, -26.2782,
16.0614

■ 82.9207, -42.5267,
28.8757

■ 22.0861, -22.2907,
12.9928

■ 95.3611, -45.3762,
31.1588

■ 14.7507, -17.9779,
10.3255

■ 108.3681,
-48.1479, 33.3895

■ 8.4070, -14.7123,
5.8849

■ 121.9179,
-50.8548, 35.5774

0.0000, NaN, NaN

0.0000, NaN, NaN

135.9897,

-53.5072, 37.7304

0.0000, NaN, NaN

150.5647,
-56.1133, 39.8547

0.0000, NaN, NaN

■ 49.2913, -33.3153,
21.5654

■ 49.2913, -33.3153,
21.5654

■ 48.7015, -36.0861,
23.6177

■ 50.0502, -29.8432,
19.1724

■ 48.2692, -38.1606,
25.3140

■ 50.9802, -25.6843,
16.4616

■ 47.9823, -39.5750,
26.6509

■ 52.0841, -20.8755,
13.4639

■ 47.8052, -40.4705,
27.6118

■ 53.3609, -15.4673,
10.2151

■ 54.8075, -9.5200,
6.7529

■ 56.4189, -3.0985,
3.1152

■ 58.1889, 3.7316,
-0.6621

■ 60.1103, 10.9069,
-4.5461

■ 62.1753, 18.3690,
-8.5078

Harmonies

Analogous

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



49.2923, -19.1170, 27.6691



49.2913, -33.3153, 21.5654



49.2923, -39.1711, 7.0291

Triad

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



49.2923, -33.3160, 21.5657



49.2923, -7.3357, -59.6406



49.2923, 44.4235, 16.7283

Complementary

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



49.2913, -33.3153, 21.5654



34.5618, 39.6790, -19.2578

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.



49.2923, 49.1374, -2.0986



49.2913, -33.3153, 21.5654



49.2923, 16.3502, -53.0204

Square

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



49.2923, -33.3160, 21.5657



49.2923, -26.0376, -44.3697



49.2923, 38.0735, -29.0229



49.2923, 26.1641, 25.8994

Rectangle

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



49.2913, -33.3153, 21.5654



49.2923, -38.4883, -8.3235



49.2923, 38.0735, -29.0229



49.2923, 47.7681, 11.6212

Sweetspot

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



49.2923, -33.3160, 21.5657



71.7355, -19.3359, 12.8669



53.5039, -17.1818, 27.7756



33.4768, -10.0530, 6.6169



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.



49.2923, -33.3160, 21.5657



64.9599, -49.3060, 32.4059



50.1509, -28.1277, 9.0999



26.3462, -4.2948, 3.0832



43.4634, -36.7661, 25.0419



5.3484, -4.2822, 2.5589

Inverse Universe

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



34.5618, 39.6790, -19.2578



42.4780, 63.1499, -29.7248



33.0213, 32.9778, 2.2466



25.1124, 1.6723, -0.3200



26.2499, 49.8806, -21.2308



3.2724, 6.3193, -3.4301

Previews

White Background



This preview shows how the HunterLab color 49.2913, -33.3153, 21.5654 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 49.2913, -33.3153, 21.5654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

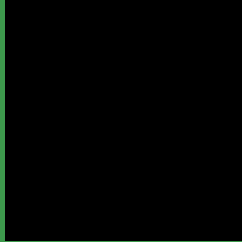
Any Text WCAG AA ✓ Pass

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 49.2913, -33.3153, 21.5654 Background



This preview shows how black text looks on a background with the HunterLab color 49.2913, -33.3153, 21.5654.



This preview shows how white text looks on a background with the HunterLab color 49.2913, -33.3153, 21.5654.

-33.3153, 21.5654.

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

49.2913, -33.3153, 21.5654

Protanopia

48.7732, -5.4111, 22.9154

Deuteranopia

48.8201, 3.5820, 20.4509



Tritanopia

49.1331, -15.3080, -7.9468

Trichromacy



Original Color

49.2913, -33.3153, 21.5654

Protanomaly

48.1982, -18.0658, 21.8414

Deuteranomaly

47.8603, -12.9013, 19.8636

Tritanomaly

48.8422, -23.0216, 5.3196

Monochromacy



Original Color

49.2913, -33.3153, 21.5654

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

44.1202, -15.2671, 10.0270

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.2913, -33.3153, 21.5654 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(61, 153, 76)` looks like.

```
.text, #text, p{  
    color:rgb(61, 153, 76)  
}
```

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(61, 153, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 153, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 49.2913, -33.3153, 21.5654 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(61, 153, 76) }
```


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

```
.border{ border-color:rgb(61, 153, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 153, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 153, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 153, 76);  
box-shadow:4px 4px 4px 4px rgb(61, 153,  
76) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.2913, -33.3153, 21.5654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 153, 76) }
```

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

```
.background{ background-color: rgb(61, 153,  
76) }
```

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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