

Converting Colors

HunterLab(55.7697, -39.9311,
29.5507)

Have a look what the booklet for
HunterLab(55.7697, -39.9311,
29.5507) contains.

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Color

**HunterLab(55.7697,
-39.9311, 29.5507)**

Conversions

Conversions Part 1

Format	Color
Hex	46AC39
RGB	70, 172, 57
RGB Percent	27%, 67%, 22%
CMY	0.7255, 0.3255, 0.7765
CMYK	0.59, 0.00, 0.67, 0.33
HSL	113°, 50%, 45%
HSV	113°, 67%, 67%
XYZ	18.0169, 31.1026, 8.9247
YIQ	128.3920, -23.8770, -57.3890

Conversions

Conversions Part 2

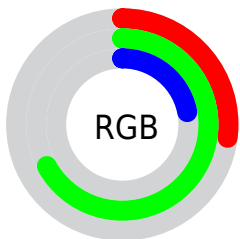
Format	Color
RYB	57, 172, 159
Decimal	4631609
CIELab	62.60, -51.55, 48.63
CIElCh	63, 70.865, 136.669
Yxy	31.1039, 0.3104, 0.5358
Android (android.graphics.Color)	4282821689 (0xFF46AC39)
YUV	128.3920, -35.1963, -51.2098
Hunter-Lab	55.7697, -39.9311, 29.5507

Details

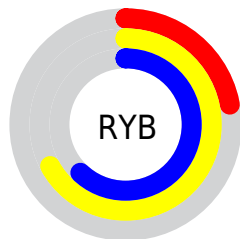
The HunterLab color **55.7697, -39.9311, 29.5507** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **36.4376, 49.9327, -40.1838**, and the grayscale version is **46.7564, -2.4948, 2.5404**.

A 20% lighter version of the original color is **78.2675, -46.7530, 36.4497**, and **35.9956, -30.8663, 21.6400** is the 20% darker color. If you saturate the color by 10%, you get **55.1935, -42.5977, 31.1265**, and if you desaturate by 10%, it is **56.5216, -36.4907, 27.3557**.

Distribution



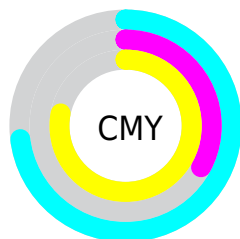
- Red (27%)
- Green (67%)
- Blue (22%)



- Red (22%)
- Yellow (67%)
- Blue (62%)



- Cyan (59%)
- Magenta (0%)
- Yellow (67%)
- Black (33%)



- Cyan (73%)
- Magenta (33%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.7697, -39.9311, 29.5507 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 55.7697, -39.9311, 29.5507 by changing the saturation by 10% instead.

■ 55.7697, -39.9311,
29.5507

■ 55.7697, -39.9311,
29.5507

175.2189,
-68.2372, 57.3404

■ 45.4730, -36.1535,
25.8381

■ 78.3605, -46.9311,
36.4441

■ 35.9010, -32.1176,
21.8972

■ 90.5794, -50.2224,
39.6836

■ 27.1146, -27.7385,
17.8230

■ 103.3746,
-53.4075, 42.8148

■ 19.1917, -22.8824,
13.4342

■ 116.7214,
-56.5036, 45.8546

■ 12.2392, -20.4422,
8.5675

■ 130.5977,
-59.5246, 48.8168

■ 5.3601, -9.3802,
3.7521

■ 144.9841,

0.0000, NaN, NaN

-62.4814, 51.7126

0.0000, NaN, NaN

159.8631,
-65.3832, 54.5512

0.0000, NaN, NaN

■ 55.7697, -39.9311,
29.5507

■ 55.7697, -39.9311,
29.5507

■ 55.1935, -42.5977,
31.1265

■ 56.5216, -36.4907,
27.3557

■ 54.7791, -44.5117,
32.1204

■ 57.4520, -32.2770,
24.5278

■ 54.5117, -45.7373,
32.6204

■ 58.5655, -27.3167,
21.0753

■ 54.4511, -46.0174,
32.7469

■ 59.8624, -21.6535,
17.0231

■ 61.3406, -15.3442,
12.4091

■ 62.9959, -8.4537,
7.2796

■ 64.8229, -1.0508,
1.6860

■ 66.8147, 6.7961,
-4.3187

■ 68.9638, 15.0214,
-10.6823

Harmonies

Analogous

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



55.7709, -19.0092, 34.5656



55.7697, -39.9311, 29.5507



55.7709, -49.7948, 14.5529

Triad

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



55.7709, -39.9320, 29.5510



55.7709, -16.0207, -84.6404



55.7709, 66.0654, 16.9289

Complementary

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



55.7697, -39.9311, 29.5507



36.4376, 49.9327, -40.1838

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.



55.7709, 67.3584, -11.6225



55.7697, -39.9311, 29.5507



55.7709, 15.0955, -82.7122

Square

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



55.7709, -39.9320, 29.5510



55.7709, -38.1564, -55.6628



55.7709, 47.1185, -51.2993



55.7709, 43.8968, 30.4754

Rectangle

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



55.7697, -39.9311, 29.5507



55.7709, -50.5509, -3.9301



55.7709, 47.1185, -51.2993



55.7709, 69.1004, 9.2049

Sweetspot

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



55.7709, -39.9320, 29.5510



81.8938, -23.7342, 18.9706



58.0697, -9.1598, 31.6692



37.9247, -12.1416, 9.6317



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



55.7709, -39.9320, 29.5510



74.0572, -58.6752, 42.6286



55.9622, -37.9874, 20.7508



29.9685, -4.8814, 4.1099



46.9849, -39.6375, 28.2579



7.9218, -6.2499, 4.7719

Inverse Universe

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



36.4376, 49.9327, -40.1838



44.8602, 78.1699, -64.5700



36.4062, 45.9616, -9.9760



28.4630, 1.9067, -1.0768



26.9065, 54.3158, -46.4708



4.6276, 9.2574, -7.3385

Previews

White Background



This preview shows how the HunterLab color 55.7697, -39.9311, 29.5507 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 HunterLab color 55.7697, -39.9311, 29.5507 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](#).

HunterLab 55.7697, -39.9311, 29.5507 Background



This preview shows how black text looks on a background with the HunterLab color 55.7697, -39.9311, 29.5507.



This preview shows how white text looks on a background with the HunterLab color 55.7697,

-39.9311, 29.5507.

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

55.7697, -39.9311, 29.5507

Protanopia

55.4049, -7.3538, 30.6599

Deuteranopia

55.2171, 3.8593, 28.3902



Tritanopia

55.7068, -16.7113, -8.5864

Trichromacy



Original Color

55.7697, -39.9311, 29.5507



Protanomaly

54.7347, -22.2249, 29.6897



Deuteranomaly

54.2212, -16.0275, 27.9880



Tritanomaly

55.2948, -27.4178, 10.5683

Monochromacy



Original Color

55.7697, -39.9311, 29.5507



Achromatopsia

46.4608, -2.4790, 2.5243



Achromatomaly

49.0221, -18.6630, 14.6771

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.7697, -39.9311, 29.5507 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(70, 172, 57)` looks like.

```
.text, #text, p{  
    color:rgb(70, 172, 57)  
}
```

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(70, 172, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 172, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 55.7697, -39.9311, 29.5507 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(70, 172, 57) }
```


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

```
.border{ border-color:rgb(70, 172, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 172, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 172, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 172, 57);  
box-shadow:4px 4px 4px 4px rgb(70, 172,  
57) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.7697, -39.9311, 29.5507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 172, 57) }
```

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

```
.background{ background-color: rgb(70, 172,  
57) }
```

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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