

Converting Colors

HunterLab(33.0573, -15.0856,
3.1544)

Have a look what the booklet for
HunterLab(33.0573, -15.0856,
3.1544) contains.

HunterLab(33.0573, -15.0856, 3.1544)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(33.0573,
-15.0856, 3.1544)**

Conversions

Conversions Part 1

Format	Color
Hex	336659
RGB	51, 102, 89
RGB Percent	20%, 40%, 35%
CMY	0.8000, 0.6000, 0.6510
CMYK	0.50, 0.00, 0.13, 0.60
HSL	165°, 33%, 30%
HSV	165°, 50%, 40%
XYZ	7.9198, 10.9279, 11.1431
YIQ	85.2690, -26.2230, -14.8550

Conversions

Conversions Part 2

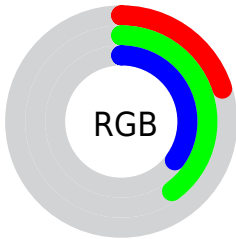
Format	Color
R_{YB}	51, 80, 102
Decimal	3368537
CIE _{Lab}	39.46, -20.66, 2.07
CIE _{LCh}	39, 20.762, 174.282
Yxy	10.9283, 0.2641, 0.3644
Android (android.graphics.Color)	4281558617 (0xFF336659)
YUV	85.2690, 1.8394, -30.0539
Hunter-Lab	33.0573, -15.0856, 3.1544

Details

The HunterLab color **33.0573, -15.0856, 3.1544** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **23.5858, 16.1602, 2.6222**, and the grayscale version is **30.2393, -1.6135, 1.6430**.

A 20% lighter version of the original color is **52.3577, -18.6058, 4.2766**, and **17.0711, -10.8355, 2.0534** is the 20% darker color. If you saturate the color by 10%, you get **32.6326, -16.8805, 3.6622**, and if you desaturate by 10%, it is **33.5670, -12.9945, 2.7330**.

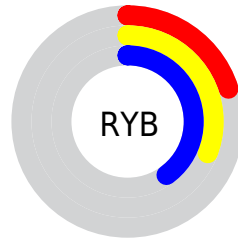
Distribution



Red (20%)

Green (40%)

Blue (35%)



Red (20%)

Yellow (31%)

Blue (40%)

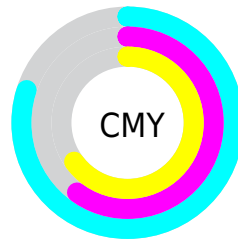


Cyan (50%)

Magenta (0%)

Yellow (13%)

Black (60%)



Cyan (80%)

Magenta (60%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0573, -15.0856, 3.1544 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 33.0573, -15.0856, 3.1544 by changing the saturation by 10% instead.

■ 33.0573, -15.0856,
3.1544

■ 33.0573, -15.0856,
3.1544

140.4190,
-30.2813, 9.8681

■ 24.5329, -13.1358,
2.5566

■ 52.4666, -18.7089,
4.4460

■ 16.9009, -11.0289,
1.9905

■ 63.2343, -20.4340,
5.1374

■ 10.2822, -9.4693,
1.4546

■ 74.6520, -22.1223,
5.8580

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.6844, -23.7836,
6.6069

0.0000, NaN, NaN

■ 99.3018, -25.4253,
7.3831

0.0000, NaN, NaN

■ 112.4781,

0.0000, NaN, NaN

-27.0527, 8.1859

0.0000, NaN, NaN

126.1906,
-28.6703, 9.0145

■ 33.0573, -15.0856,
3.1544

■ 33.0573, -15.0856,
3.1544

■ 32.6326, -16.8805,
3.6622

■ 33.5670, -12.9945,
2.7330

■ 32.2882, -18.3746,
4.2475

■ 34.1610, -10.6168,
2.4022

■ 32.0206, -19.5730,
4.9012

■ 34.8405, -7.9688,
2.1658

■ 31.8240, -20.4900,
5.6116

■ 35.6046, -5.0705,
2.0253

■ 31.6622, -21.2669,
6.3342

■ 36.4519, -1.9448,
1.9805

■ 31.6622, -21.2669,
6.3342

■ 37.3805, 1.3844,
2.0295

■ 38.3875, 4.8929,
2.1694

■ 39.4702, 8.5572,
2.3961

■ 40.6253, 12.3550,
2.7052

Harmonies

Analogous

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



33.0580, -12.8133, 8.9298



33.0573, -15.0856, 3.1544



33.0580, -14.0596, -4.4427

Triad

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



33.0580, -15.0859, 3.1548



33.0580, 4.4609, -13.5455



33.0580, 7.2056, 11.2131

Complementary

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



33.0573, -15.0856, 3.1544



23.5858, 16.1602, 2.6222

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.



33.0580, 12.6374, 7.0207



33.0573, -15.0856, 3.1544



33.0580, 10.9552, -7.3884

Square

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



33.0580, -15.0859, 3.1548



33.0580, -3.2092, -15.2363



33.0580, 14.0678, 0.3841



33.0580, -0.2969, 12.8584

Rectangle

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



33.0573, -15.0856, 3.1544



33.0580, -11.5906, -9.4520



33.0580, 14.0678, 0.3841



33.0580, 9.3603, 10.1081

Sweetspot

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



33.0580, -15.0859, 3.1548



46.5869, -8.8386, 2.7673



32.9431, -16.9966, 14.3646



22.5561, -4.5643, 1.3584



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



33.0580, -15.0859, 3.1548



43.1285, -22.7235, 4.9762



29.9879, -8.2616, -6.5206



17.8154, -2.3680, 1.0062



35.8725, -24.1544, 7.3049



81.8344, -55.7092, 17.9743

Inverse Universe

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



23.5858, 16.1602, 2.6222



28.2652, 26.9373, 4.5488



25.7062, 9.5191, 8.7825



16.9022, 0.5770, 0.9171



19.2818, 33.4872, 8.8428



43.8938, 75.9556, 22.2684

Previews

White Background



This preview shows how the HunterLab color 33.0573, -15.0856, 3.1544 looks on a white 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

Black Background



This preview shows how the HunterLab color 33.0573, -15.0856, 3.1544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

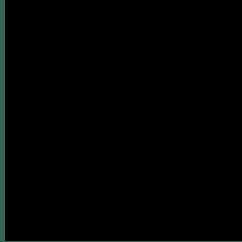
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 33.0573, -15.0856, 3.1544 Background



This preview shows how black text looks on a background with the HunterLab color 33.0573, -15.0856, 3.1544.



This preview shows how white text looks on a background with the HunterLab color 33.0573,

-15.0856, 3.1544.

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

33.0573, -15.0856, 3.1544

Protanopia

32.8347, -1.7317, 5.0569

Deuteranopia

33.0300, 2.0078, 2.2130



Tritanopia

32.9470, -9.9644, -4.9043

Trichromacy



Original Color

33.0573, -15.0856, 3.1544

Protanomaly

32.7767, -7.4152, 4.1412

Deuteranomaly

32.5572, -5.1185, 1.9476

Tritanomaly

32.9343, -11.9293, -1.6198

Monochromacy



Original Color

33.0573, -15.0856, 3.1544

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

30.9363, -7.0071, 2.0669

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0573, -15.0856, 3.1544 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(51, 102, 89)` looks like.

```
.text, #text, p{  
    color:rgb(51, 102, 89)  
}
```

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(51, 102, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 102, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0573, -15.0856, 3.1544 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(51, 102, 89) }
```


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

```
.border{ border-color:rgb(51, 102, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 102, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 102, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 102, 89);  
box-shadow:4px 4px 4px 4px rgb(51, 102,  
89) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.0573, -15.0856, 3.1544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 102, 89) }
```

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

```
.background{ background-color: rgb(51, 102,  
89) }
```

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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