

Converting Colors

HunterLab(33.0380, -4.9176,
14.2273)

Have a look what the booklet for
HunterLab(33.0380, -4.9176,
14.2273) contains.

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Color

**HunterLab(33.0380, -4.9176,
14.2273)**

Conversions

Conversions Part 1

Format	Color
Hex	635E35
RGB	99, 94, 53
RGB Percent	39%, 37%, 21%
CMY	0.6118, 0.6314, 0.7922
CMYK	0.00, 0.05, 0.46, 0.61
HSL	53°, 30%, 30%
HSV	53°, 46%, 39%
XYZ	9.7909, 10.9151, 4.9589
YIQ	90.8210, 16.1410, -11.6910

Conversions

Conversions Part 2

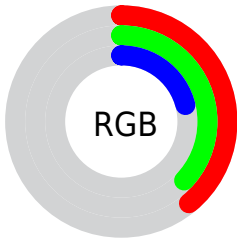
Format	Color
R_{YB}	59, 99, 53
Decimal	6512181
CIE Lab	39.44, -4.57, 24.16
CIE LCh	39, 24.587, 100.709
Yxy	10.9156, 0.3815, 0.4253
Android (android.graphics.Color)	4284702261 (0xFF635E35)
YUV	90.8210, -18.6458, 7.1730
Hunter-Lab	33.0380, -4.9176, 14.2273

Details

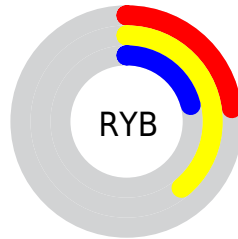
The HunterLab color **33.0380, -4.9176, 14.2273** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **21.6418, 5.2910, -18.9110**, and the grayscale version is **32.3414, -1.7257, 1.7572**.

A 20% lighter version of the original color is **52.3889, -6.3775, 18.5253**, and **16.8382, -3.3247, 9.5085** is the 20% darker color. If you saturate the color by 10%, you get **32.6248, -5.1627, 15.8416**, and if you desaturate by 10%, it is **33.4798, -4.5312, 12.2484**.

Distribution



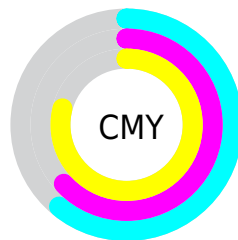
- Red (39%)
- Green (37%)
- Blue (21%)



- Red (23%)
- Yellow (39%)
- Blue (21%)



- Cyan (0%)
- Magenta (5%)
- Yellow (46%)
- Black (61%)



- Cyan (61%)
- Magenta (63%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0380, -4.9176, 14.2273 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 33.0380, -4.9176, 14.2273 by changing the saturation by 10% instead.

■ 33.0380, -4.9176,
14.2273

■ 33.0380, -4.9176,
14.2273

140.3879,
-12.6680, 31.3936

■ 24.5155, -4.1528,
11.9249

■ 52.4442, -6.4992,
18.4330

■ 16.8856, -3.3963,
9.5233

■ 63.2105, -7.3182,
20.4050

■ 10.2692, -2.6369,
7.1884

■ 74.6268, -8.1577,
22.3186

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.6580, -9.0181,
24.1877

0.0000, NaN, NaN

■ 99.2741, -9.8994,
26.0228

0.0000, NaN, NaN

■ 112.4492,

0.0000, NaN, NaN

-10.8016, 27.8316

0.0000, NaN, NaN

126.1605,
-11.7245, 29.6202

■ 33.0380, -4.9176,
14.2273

■ 33.0380, -4.9176,
14.2273

■ 32.6248, -5.1627,
15.8416

■ 33.4798, -4.5312,
12.2484

■ 32.2370, -5.2670,
17.0985

■ 33.9483, -3.9982,
9.9005

■ 31.8743, -5.2374,
18.0117

■ 34.4447, -3.3190,
7.1840

■ 31.5352, -5.0824,
18.6012

■ 34.9691, -2.4943,
4.1024

■ 31.2136, -4.8368,
18.9580

■ 35.5216, -1.5261,
0.6619

■ 31.1005, -4.7482,
19.0808

■ 36.1019, -0.4168,
-3.1293

■ 36.7098, 0.8299,
-7.2610

■ 37.3450, 2.2099,
-11.7216

■ 38.0071, 3.7189,
-16.4986

Harmonies

Analogous

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



33.0388, 4.1479, 13.8669



33.0380, -4.9176, 14.2273



33.0388, -12.3091, 12.0002

Triad

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



33.0388, -4.9187, 14.2276



33.0388, -13.8839, -10.8383



33.0388, 16.2034, -4.1143

Complementary

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



33.0380, -4.9176, 14.2273



21.6418, 5.2910, -18.9110

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.



33.0388, 10.2944, -13.2690



33.0380, -4.9176, 14.2273



33.0388, -7.2886, -17.8135

Square

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



33.0388, -4.9187, 14.2276



33.0388, -17.1046, -1.4086



33.0388, 1.5124, -18.8060



33.0388, 17.0129, 4.7130

Rectangle

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



33.0380, -4.9176, 14.2273



33.0388, -15.5411, 8.8800



33.0388, 1.5124, -18.8060



33.0388, 14.7201, -7.3100

Sweetspot

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



33.0388, -4.9187, 14.2276



45.2530, -4.1396, 8.6151



23.4695, 13.6266, 4.4635



22.0130, -2.0925, 4.4842



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



33.0388, -4.9187, 14.2276



42.6712, -6.7865, 20.9587



33.0852, -11.8819, 14.1428



17.1054, -1.3278, 2.3919



35.4603, -5.3458, 21.7569



81.4826, -11.6065, 50.0060

Inverse Universe

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



21.6418, 5.2910, -18.9110



24.5757, 10.1978, -33.5320



21.8471, 11.5831, -18.3706



15.9846, -0.3878, -0.7107



12.0077, 24.6166, -68.1489



26.4840, 61.8552, -166.6303

Previews

White Background



This preview shows how the HunterLab color 33.0380, -4.9176, 14.2273 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 33.0380, -4.9176, 14.2273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

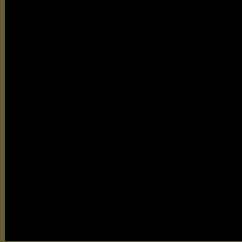
Any Text WCAG AA × Fail

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 33.0380, -4.9176, 14.2273 Background



This preview shows how black text looks on a background with the HunterLab color 33.0380, -4.9176, 14.2273.



This preview shows how white text looks on a background with the HunterLab color 33.0380, -4.9176,

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

33.0380, -4.9176, 14.2273

Protanopia

33.0311, -3.5674, 14.2454

Deuteranopia

33.0482, 1.8398, 14.1351



Tritanopia

32.9740, 3.3431, 0.4788

Trichromacy



Original Color

33.0380, -4.9176, 14.2273

Protanomaly

32.9430, -3.8789, 14.1695

Deuteranomaly

33.0706, -0.7067, 14.1086

Tritanomaly

32.9941, -0.0224, 6.6924

Monochromacy



Original Color

33.0380, -4.9176, 14.2273

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.5112, -3.1831, 7.1732

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0380, -4.9176, 14.2273 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(99, 94, 53)` looks like.

```
.text, #text, p{  
    color:rgb(99, 94, 53)  
}
```

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(99, 94, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 94, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0380, -4.9176, 14.2273 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(99, 94, 53) }
```


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

```
.border{ border-color:rgb(99, 94, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 94, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 94, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 94, 53);  
box-shadow:4px 4px 4px 4px rgb(99, 94, 53)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.0380, -4.9176, 14.2273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 94, 53) }
```

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

```
.background{ background-color: rgb(99, 94,  
53) }
```

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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