

Converting Colors

HunterLab(33.2238, 2.8863,
15.5312)

Have a look what the booklet for
HunterLab(33.2238, 2.8863,
15.5312) contains.

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Color

**HunterLab(33.3767, 2.7829,
15.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	755930
RGB	117, 89, 48
RGB Percent	46%, 35%, 19%
CMY	0.5412, 0.6510, 0.8118
CMYK	0.00, 0.24, 0.59, 0.54
HSL	36°, 42%, 32%
HSV	36°, 59%, 46%
XYZ	11.4420, 11.1400, 4.3435
YIQ	92.6980, 29.8490, -6.8150

Conversions

Conversions Part 2

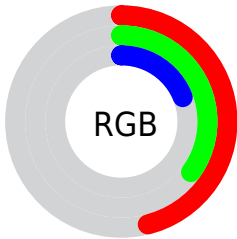
Format	Color
RYB	95, 117, 48
Decimal	7690544
CIELab	39.82, 6.30, 27.90
CIELCh	40, 28.599, 77.279
Yxy	11.1406, 0.4249, 0.4137
Android (android.graphics.Color)	4285880624 (0xFF755930)
YUV	92.6980, -22.0361, 21.3129
Hunter-Lab	33.3767, 2.7829, 15.6480

Details

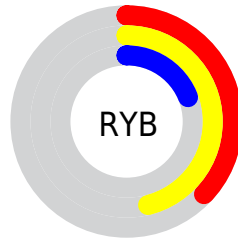
The HunterLab color $33.3767, 2.7829, 15.6480$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $26.6107, 0.4808, -21.0913$, and the grayscale version is $33.0449, -1.7632, 1.7954$.

A 20% lighter version of the original color is $52.8672, 2.3344, 20.4756$, and $17.2099, 2.5846, 10.5510$ is the 20% darker color. If you saturate the color by 10%, you get $32.0804, 4.2265, 16.7124$, and if you desaturate by 10%, it is $34.7363, 1.5152, 14.2046$.

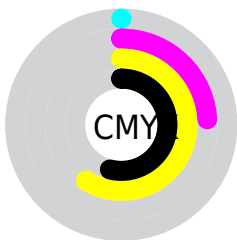
Distribution



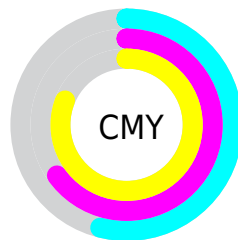
- Red (46%)
- Green (35%)
- Blue (19%)



- Red (37%)
- Yellow (46%)
- Blue (19%)



- Cyan (0%)
- Magenta (24%)
- Yellow (59%)
- Black (54%)



- Cyan (54%)
- Magenta (65%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.3767, 2.7829, 15.6480 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 33.3767, 2.7829, 15.6480 by changing the saturation by 10% instead.

33.3767, 2.7829,
15.6480

33.3767, 2.7829,
15.6480

140.9360, -0.2680,
34.7224

24.8223, 2.8328,
13.0386

52.8392, 2.4609,
20.3863

17.1567, 2.7930,
10.4950

63.6308, 2.2096,
22.5931

10.4991, 2.6378,
7.3494

75.0709, 1.9058,
24.7253

0.0000, INF, NaN

0.0000, NaN, NaN

87.1247, 1.5541,
26.7992

0.0000, NaN, NaN

99.7625, 1.1581,
28.8275

0.0000, NaN, NaN

0.0000, NaN, NaN

112.9583, 0.7208,

30.8194

0.0000, NaN, NaN

126.6895, 0.2447,
32.7824

■ 33.3767, 2.7829,
15.6480

■ 33.3767, 2.7829,
15.6480

■ 32.0804, 4.2265,
16.7124

■ 34.7363, 1.5152,
14.2046

■ 30.8480, 5.8482,
17.3862

■ 36.1536, 0.4257,
12.3980

■ 29.6825, 7.6387,
17.6700

■ 37.6262, -0.4922,
10.2488

■ 28.5772, 9.5394,
17.7046

■ 39.1510, -1.2452,
7.7791

■ 28.4661, 9.7345,
17.7111

■ 40.7249, -1.8416,
5.0112

■ 42.3450, -2.2899,
1.9669

■ 44.0086, -2.5992,
-1.3329

■ 45.7131, -2.7784,
-4.8687

■ 47.4561, -2.8360,
-8.6224

Harmonies

Analogous

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



33.3775, 13.0521, 13.0729



33.3767, 2.7829, 15.6480



33.3775, -7.5717, 15.4472

Triad

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



33.3775, 2.7814, 15.6484



33.3775, -18.9596, -4.4077



33.3775, 14.3867, -14.0200

Complementary

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



33.3767, 2.7829, 15.6480



26.6107, 0.4808, -21.0913

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.



33.3775, 4.4298, -22.2239



33.3767, 2.7829, 15.6480



33.3775, -14.4078, -15.6018

Square

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



33.3775, 2.7814, 15.6484



33.3775, -19.2854, 5.7761



33.3775, -6.1141, -22.8787



33.3775, 20.2882, -2.6961

Rectangle

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



33.3767, 2.7829, 15.6480



33.3775, -13.1548, 13.7727



33.3775, -6.1141, -22.8787



33.3775, 11.3507, -17.3679

Sweetspot

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



33.3775, 2.7814, 15.6484



52.4966, -1.7118, 10.2310



25.3538, 24.0899, -0.2666



24.9382, -0.7175, 5.2990



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



33.3775, 2.7814, 15.6484



42.2822, 6.4660, 22.7745



40.4124, -11.1732, 20.6036



20.0719, -0.9062, 2.4797



29.8283, 10.3240, 18.5608



64.5316, 25.5328, 40.2111

Inverse Universe

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



26.6107, 0.4808, -21.0913



31.4590, 3.5653, -37.3512



20.4346, 14.6925, -35.9811



19.5225, -1.1450, -0.4125



19.1512, 9.9566, -45.4307



40.3493, 26.4133, -107.4518

Previews

White Background



This preview shows how the HunterLab color 33.3767, 2.7829, 15.6480 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 33.3767, 2.7829, 15.6480 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 33.3767, 2.7829, 15.6480 Background



This preview shows how black text looks on a background with the HunterLab color 33.3767, 2.7829, 15.6480.



This preview shows how white text looks on a background with the HunterLab color 33.3767, 2.7829,

15.6480.

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

33.3767, 2.7829, 15.6480

Protanopia

33.4346, -3.5888, 15.1883

Deuteranopia

33.5242, 1.9901, 15.7468



Tritanopia

33.3002, 10.3602, 3.0786

Trichromacy



Original Color

33.3767, 2.7829, 15.6480

Protanomaly

33.3575, -1.1819, 15.3694

Deuteranomaly

33.5242, 1.9901, 15.7468

Tritanomaly

33.2949, 7.1700, 8.7879

Monochromacy



Original Color

33.3767, 2.7829, 15.6480

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

33.1887, -0.8214, 7.8933

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.3767, 2.7829, 15.6480 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(117, 89, 48)` looks like.

```
.text, #text, p{  
    color:rgb(117, 89, 48)  
}
```

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(117, 89, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 89, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 33.3767, 2.7829, 15.6480 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(117, 89, 48) }
```


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

```
.border{ border-color:rgb(117, 89, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 89, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 89, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 89, 48);  
box-shadow:4px 4px 4px 4px rgb(117, 89,  
48) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.3767, 2.7829, 15.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 89, 48) }
```

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

```
.background{ background-color: rgb(117, 89,  
48) }
```

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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