

Converting Colors

HunterLab(33.4681, 47.7262,
-46.6631)

Have a look what the booklet for
HunterLab(33.4681, 47.7262,
-46.6631) contains.

HunterLab(33.3880, 47.7591, -47.0081)	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(33.3880, 47.7591,
-47.0081)**

Conversions

Conversions Part 1

Format	Color
Hex	8F33AB
RGB	143, 51, 171
RGB Percent	56%, 20%, 67%
CMY	0.4392, 0.8000, 0.3294
CMYK	0.16, 0.70, 0.00, 0.33
HSL	286°, 54%, 44%
HSV	286°, 70%, 67%
XYZ	19.8622, 11.1476, 39.6329
YIQ	92.1880, 16.3120, 56.8240

Conversions

Conversions Part 2

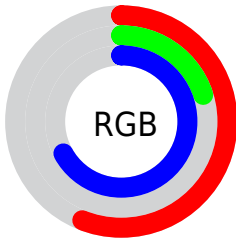
Format	Color
R_{YB}	143, 51, 171
Decimal	9384875
CIE _{Lab}	39.83, 56.07, -46.54
CIE _{LCh}	40, 72.873, 320.305
Yxy	11.1480, 0.2812, 0.1578
Android (android.graphics.Color)	4287574955 (0xFF8F33AB)
YUV	92.1880, 38.8543, 44.5621
Hunter-Lab	33.3880, 47.7591, -47.0081

Details

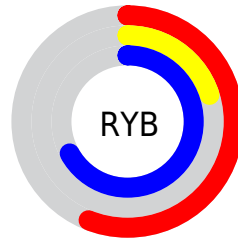
The HunterLab color **33.3880, 47.7591, -47.0081** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **55.7022, -38.5627, 30.3142**, and the grayscale version is **32.6413, -1.7417, 1.7735**.

A 20% lighter version of the original color is **52.8475, 51.8643, -48.0601**, and **18.3922, 38.6087, -43.2429** is the 20% darker color. If you saturate the color by 10%, you get **30.9335, 53.0202, -53.8576**, and if you desaturate by 10%, it is **36.4545, 41.2604, -39.4773**.

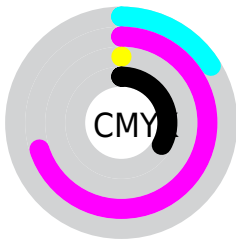
Distribution



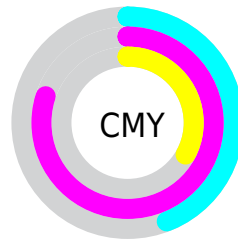
- Red (56%)
- Green (20%)
- Blue (67%)



- Red (56%)
- Yellow (20%)
- Blue (67%)



- Cyan (16%)
- Magenta (70%)
- Yellow (0%)
- Black (33%)



- Cyan (44%)
- Magenta (80%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.3880, 47.7591, -47.0081 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 33.3880, 47.7591, -47.0081 by changing the saturation by 10% instead.

33.3880, 47.7591,
-47.0081

33.3880, 47.7591,
-47.0081

140.9540, 62.3484,
-52.7944

24.8324, 45.6980,
-46.9418

52.8522, 51.6959,
-48.0763

17.1656, 43.7169,
-47.7275

63.6446, 53.5160,
-48.7771

10.5067, 42.2153,
-50.6685

75.0856, 55.2301,
-49.5020

0.0000, INF, -NF

0.0000, NaN, -NF

87.1401, 56.8409,
-50.2216

0.0000, NaN, NaN

99.7786, 58.3530,
-50.9187

0.0000, NaN, NaN

112.9751, 59.7715,

0.0000, NaN, NaN

-51.5833

126.7069, 61.1016,
-52.2096

■ 33.3880, 47.7591,
-47.0081

■ 33.3880, 47.7591,
-47.0081

■ 30.9335, 53.0202,
-53.8576

■ 36.4545, 41.2604,
-39.4773

■ 29.1339, 56.5018,
-59.4671

■ 40.0586, 34.0529,
-31.7449

■ 27.8813, 58.2930,
-63.7301

■ 44.1232, 26.5274,
-24.1190

■ 48.5769, 18.9300,
-16.7609

■ 53.3593, 11.3951,
-9.7313

■ 58.4209, 3.9849,
-3.0331

■ 63.7217, -3.2803,
3.3588

■ 69.2299, -10.4023,
9.4805

■ 74.9200, -17.3939,
15.3704

Harmonies

Analogous

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



33.3887, 18.0173, -84.4104



33.3880, 47.7591, -47.0081



33.3887, 65.5934, -7.5228

Triad

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



33.3887, 47.7583, -47.0066



33.3887, 7.3329, 23.3721



33.3887, -37.6382, -20.0245

Complementary

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



33.3880, 47.7591, -47.0081



55.7022, -38.5627, 30.3142

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.



33.3887, -38.8754, 9.0554



33.3880, 47.7591, -47.0081



33.3887, -17.8307, 23.3316

Square

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



33.3887, 47.7583, -47.0066



33.3887, 37.8535, 21.8080



33.3887, -32.8713, 20.4029



33.3887, -28.7051, -62.0550

Rectangle

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



33.3880, 47.7591, -47.0081



33.3887, 65.4332, 9.4423



33.3887, -32.8713, 20.4029



33.3887, -38.8285, -8.1794

Sweetspot

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



33.3887, 47.7583, -47.0066



70.6212, 16.4496, -14.1260



30.3917, 14.4301, -56.1836



32.5290, 9.0369, -7.8444



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.



33.3887, 47.7583, -47.0066



40.0075, 73.7651, -76.3152



35.9027, 49.7259, -17.3446



28.3769, 1.6169, -1.1915



24.2587, 50.6806, -55.1514



4.3173, 8.8217, -8.2814

Inverse Universe

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



34.0448, 42.0853, 8.8320



41.5951, 64.9805, 16.2305



55.1855, -40.0031, 24.5119



28.3634, 1.2075, 1.6124



25.7852, 44.6310, 12.9951



4.3966, 7.7963, 0.7720

Previews

White Background



This preview shows how the HunterLab color 33.3880, 47.7591, -47.0081 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 33.3880, 47.7591, -47.0081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

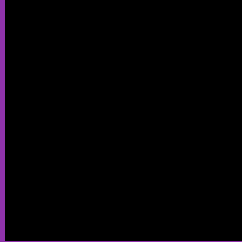
Any Text WCAG AA × Fail

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 33.3880, 47.7591, -47.0081 Background



This preview shows how black text looks on a background with the HunterLab color 33.3880, 47.7591, -47.0081.



This preview shows how white text looks on a background with the HunterLab color 33.3880, 47.7591, -47.0081.

-47.0081.

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

33.3880, 47.7591, -47.0081

Protanopia

33.6637, 11.9650, -67.9056

Deuteranopia

33.8844, 2.3801, -39.7092



Tritanopia

33.5179, 15.4133, 5.3498

Trichromacy



Original Color

33.3880, 47.7591, -47.0081

Protanomaly

30.6622, 20.6092, -69.4977

Deuteranomaly

31.7965, 16.7377, -47.3846

Tritanomaly

32.6979, 26.4701, -9.9050

Monochromacy



Original Color

33.3880, 47.7591, -47.0081

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

31.7297, 15.6971, -13.9748

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.3880, 47.7591, -47.0081 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(143, 51, 171)` looks like.

```
.text, #text, p{  
    color:rgb(143, 51, 171)  
}
```

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(143, 51, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 51, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 33.3880, 47.7591, -47.0081 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(143, 51, 171) }
```


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

```
.border{ border-color:rgb(143, 51, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 51, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 51, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 51, 171);  
box-shadow:4px 4px 4px 4px rgb(143, 51,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.3880, 47.7591, -47.0081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 51, 171) }
```

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

```
.background{ background-color: rgb(143, 51,  
171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor