

Converting Colors

HunterLab(33.7781, 3.4027,
-39.9475)

Have a look what the booklet for
HunterLab(33.7781, 3.4027,
-39.9475) contains.

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Color

**HunterLab(33.7781, 3.4027,
-39.9475)**

Conversions

Conversions Part 1

Format	Color
Hex	2E5FA3
RGB	46, 95, 163
RGB Percent	18%, 37%, 64%
CMY	0.8196, 0.6274, 0.3608
CMYK	0.72, 0.42, 0.00, 0.36
HSL	215°, 56%, 41%
HSV	215°, 72%, 64%
XYZ	11.8298, 11.4096, 36.2291
YIQ	88.1010, -51.0320, 10.7600

Conversions

Conversions Part 2

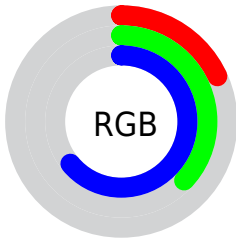
Format	Color
R_{YB}	46, 81, 163
Decimal	3039139
CIE _{Lab}	40.26, 7.13, -41.59
CIE _{LCh}	40, 42.193, 279.734
Yxy	11.4100, 0.1989, 0.1919
Android (android.graphics.Color)	4281229219 (0xFF2E5FA3)
YUV	88.1010, 36.9252, -36.9226
Hunter-Lab	33.7781, 3.4027, -39.9475

Details

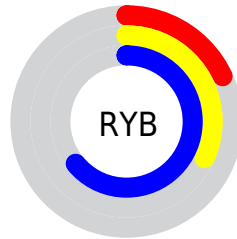
The HunterLab color **33.7781, 3.4027, -39.9475** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **44.7439, 7.9315, 24.2837**, and the grayscale version is **31.1592, -1.6626, 1.6929**.

A 20% lighter version of the original color is **53.2700, 3.0279, -40.9478**, and **18.5173, 6.2482, -36.6331** is the 20% darker color. If you saturate the color by 10%, you get **30.8160, 6.4754, -47.5656**, and if you desaturate by 10%, it is **36.9797, 1.0053, -32.7513**.

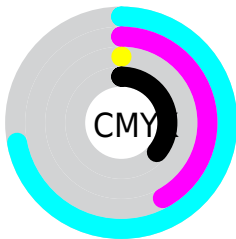
Distribution



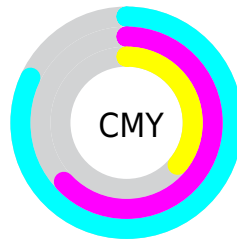
- Red (18%)
- Green (37%)
- Blue (64%)



- Red (18%)
- Yellow (32%)
- Blue (64%)



- Cyan (72%)
- Magenta (42%)
- Yellow (0%)
- Black (36%)



- Cyan (82%)
- Magenta (63%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7781, 3.4027, -39.9475 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 33.7781, 3.4027, -39.9475 by changing the saturation by 10% instead.

■ 33.7781, 3.4027,
-39.9475

■ 33.7781, 3.4027,
-39.9475

■ 141.5835, 0.6844,
-45.3774

■ 25.1859, 3.4066,
-39.6222

■ 53.3065, 3.1694,
-41.1646

■ 17.4783, 3.3146,
-39.8591

■ 64.1278, 2.9578,
-41.8496

■ 10.7725, 3.1021,
-41.5583

■ 75.5960, 2.6917,
-42.5276

■ 1.7048, 18.1417,
-158.5569

■ 87.6765, 2.3760,
-43.1794

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 100.3397, 2.0145,
-43.7946

0.0000, NaN, NaN

■ 113.5599, 1.6104,

0.0000, NaN, NaN

-44.3677

0.0000, NaN, NaN

127.3145, 1.1662,
-44.8956

■ 33.7781, 3.4027,
-39.9475

■ 33.7781, 3.4027,
-39.9475

■ 30.8160, 6.4754,
-47.5656

■ 36.9797, 1.0053,
-32.7513

■ 28.1233, 10.2626,
-55.5417

■ 40.3893, -0.7899,
-25.9918

■ 26.0962, 13.7979,
-62.4036

■ 43.9812, -2.0615,
-19.6467

■ 47.7329, -2.8848,
-13.6779

■ 51.6257, -3.3264,
-8.0414

■ 55.6441, -3.4434,
-2.6936

■ 59.7751, -3.2834,
2.4063

■ 64.0078, -2.8860,
7.2942

■ 68.3331, -2.2840,
12.0016

Harmonies

Analogous

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



33.7786, -11.5533, -37.2269



33.7781, 3.4027, -39.9475



33.7786, 19.5214, -28.1788

Triad

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



33.7786, 3.4033, -39.9466



33.7786, 24.4137, 15.4389



33.7786, -25.5337, 10.2844

Complementary

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



33.7781, 3.4027, -39.9475



44.7439, 7.9315, 24.2837

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.



33.7786, -18.8769, 17.2175



33.7781, 3.4027, -39.9475



33.7786, 9.1938, 19.1214

Square

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



33.7786, 3.4033, -39.9466



33.7786, 33.0215, 6.3043



33.7786, -6.7141, 19.5788



33.7786, -26.5190, -3.3346

Rectangle

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



33.7781, 3.4027, -39.9475



33.7786, 28.1071, -15.8766



33.7786, -6.7141, 19.5788



33.7786, -23.9512, 13.2659

Sweetspot

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



33.7786, 3.4033, -39.9466



68.7528, -4.4278, -11.2273



52.8699, -34.5664, 14.6827



31.9445, -2.0442, -6.2203



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



33.7786, 3.4033, -39.9466



39.0955, 11.4989, -69.8191



23.1903, 29.4551, -73.7846



27.0640, -1.6369, -0.6654



23.1918, 11.7487, -54.3499



4.5327, -0.4856, -4.6171

Inverse Universe

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



32.5076, 42.7589, 1.0330



39.8656, 65.0073, 5.4821



57.7757, -17.2367, 32.6460



26.7074, 1.3236, 0.9519



25.2727, 44.6078, 6.0401



3.7886, 6.9205, -0.9035

Previews

White Background



This preview shows how the HunterLab color 33.7781, 3.4027, -39.9475 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 33.7781, 3.4027, -39.9475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

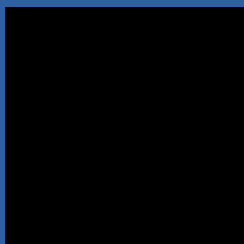
Any Text WCAG AA × Fail

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 33.7781, 3.4027, -39.9475 Background



This preview shows how black text looks on a background with the HunterLab color 33.7781, 3.4027, -39.9475.



This preview shows how white text looks on a background with the HunterLab color 33.7781, 3.4027, -39.9475.

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

33.7781, 3.4027, -39.9475

Protanopia

33.6395, 6.6752, -37.7717

Deuteranopia

33.9151, 2.4831, -39.6336



Tritanopia

33.6086, -16.1550, -7.1340

Trichromacy



Original Color

33.7781, 3.4027, -39.9475

Protanomaly

33.6176, 5.3758, -38.6583

Deuteranomaly

33.9465, 2.5885, -39.5562

Tritanomaly

33.2644, -10.0168, -17.9506

Monochromacy



Original Color

33.7781, 3.4027, -39.9475

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

31.8378, -1.9872, -10.6216

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.7781, 3.4027, -39.9475 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(46, 95, 163)` looks like.

```
.text, #text, p{  
    color:rgb(46, 95, 163)  
}
```

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(46, 95, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 95, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 33.7781, 3.4027, -39.9475 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(46, 95, 163) }
```


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

```
.border{ border-color:rgb(46, 95, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 95, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 95, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 95, 163);  
box-shadow:4px 4px 4px 4px rgb(46, 95,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.7781, 3.4027, -39.9475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 95, 163) }
```

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

```
.background{ background-color: rgb(46, 95,  
163) }
```

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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