

Converting Colors

HunterLab(19.1997, 17.1739,
-56.3943)

Have a look what the booklet for
HunterLab(19.1997, 17.1739,
-56.3943) contains.

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Color

**HunterLab(19.1161, 17.3773,
-56.7414)**

Conversions

Conversions Part 1

Format	Color
Hex	152C85
RGB	21, 44, 133
RGB Percent	8%, 17%, 52%
CMY	0.9176, 0.8275, 0.4784
CMYK	0.84, 0.67, 0.00, 0.48
HSL	228°, 73%, 30%
HSV	228°, 84%, 52%
XYZ	5.4436, 3.6543, 22.6087
YIQ	47.2690, -42.2770, 22.8030

Conversions

Conversions Part 2

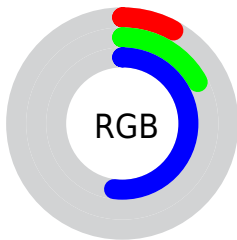
Format	Color
R_{YB}	21, 40, 133
Decimal	1387653
CIE _{Lab}	22.49, 26.81, -52.06
CIE _{LCh}	22, 58.561, 297.247
Yxy	3.6543, 0.1717, 0.1153
Android (android.graphics.Color)	4279577733 (0xFF152C85)
YUV	47.2690, 42.2654, -23.0379
Hunter-Lab	19.1161, 17.3773, -56.7414

Details

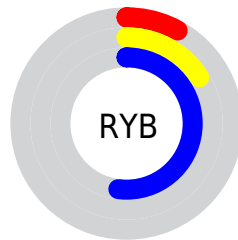
The HunterLab color **19.1161, 17.3773, -56.7414** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **40.2432, -2.1824, 23.7134**, and the grayscale version is **16.8245, -0.8977, 0.9141**.

A 20% lighter version of the original color is **35.7195, 19.8083, -55.6799**, and **7.8051, 21.1713, -55.4585** is the 20% darker color. If you saturate the color by 10%, you get **16.8965, 22.0486, -67.0687**, and if you desaturate by 10%, it is **21.7497, 13.2275, -46.8579**.

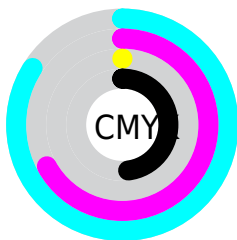
Distribution



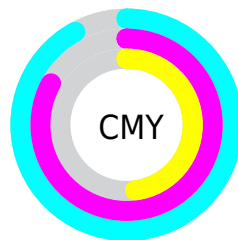
- Red (8%)
- Green (17%)
- Blue (52%)



- Red (8%)
- Yellow (16%)
- Blue (52%)



- Cyan (84%)
- Magenta (67%)
- Yellow (0%)
- Black (48%)



- Cyan (92%)
- Magenta (83%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.1161, 17.3773, -56.7414 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 19.1161, 17.3773, -56.7414 by changing the saturation by 10% instead.

■ 19.1161, 17.3773,
-56.7414

■ 19.1161, 17.3773,
-56.7414

■ 116.5836, 23.9109,
-60.1612

■ 12.1743, 16.0442,
-60.1578

■ 35.8081, 19.6022,
-55.5130

■ 5.2546, 22.0297,
-87.1799

■ 45.3725, 20.5109,
-55.8592

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.6632, 21.3039,
-56.4417

0.0000, NaN, -NF

■ 66.6322, 21.9941,
-57.1420

0.0000, NaN, NaN

■ 78.2399, 22.5918,
-57.8948

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.4528, 23.1058,

-58.6625

0.0000, NaN, NaN

103.2424, 23.5434,
-59.4226

19.1161, 17.3773,
-56.7414

19.1161, 17.3773,
-56.7414

16.8965, 22.0486,
-67.0687

21.7497, 13.2275,
-46.8579

15.7836, 24.7689,
-73.1972

24.7164, 9.7018,
-37.8306

27.9493, 6.7611,
-29.7329

31.3973, 4.3177,
-22.4815

35.0226, 2.2803,
-15.9456

■ 38.7971, 0.5695,
-9.9950

■ 42.6995, -0.8794,
-4.5165

■ 46.7135, -2.1171,
0.5829

■ 50.8265, -3.1834,
5.3778

Harmonies

Analogous

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



19.1163, -2.6424, -68.7945



19.1161, 17.3773, -56.7414



19.1163, 37.2805, -26.4118

Triad

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



19.1163, 17.3785, -56.7409



19.1163, 21.3309, 13.3814



19.1163, -24.6505, 2.5438

Complementary

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



19.1161, 17.3773, -56.7414



40.2432, -2.1824, 23.7134

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.



19.1163, -22.1773, 11.8417



19.1161, 17.3773, -56.7414



19.1163, 0.6563, 13.3814

Square

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



19.1163, 17.3785, -56.7409



19.1163, 40.0905, 10.7855



19.1163, -14.3395, 13.3814



19.1163, -22.9732, -20.7709

Rectangle

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



19.1161, 17.3773, -56.7414



19.1163, 45.3248, -7.6661



19.1163, -14.3395, 13.3814



19.1163, -24.3077, 6.9382

Sweetspot

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



19.1163, 17.3785, -56.7409



51.2180, 1.0524, -14.4226



42.4654, -26.2141, 5.6119



23.5910, 0.8111, -7.9495



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



19.1163, 17.3785, -56.7409



20.6639, 34.6740, -100.6793



17.2629, 31.3822, -65.0270



21.6520, -0.7415, -0.9124



15.4371, 24.0662, -71.2471



1.3020, 0.4158, -2.5250

Inverse Universe

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



23.8854, 35.8907, 9.4317



30.0912, 51.9472, 16.2265



44.2850, -21.3908, 25.9632



21.6869, 0.8051, 1.2956



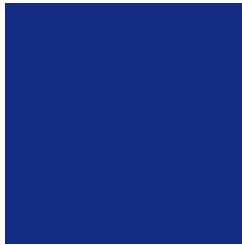
21.9716, 37.9808, 11.4552



1.3267, 2.3585, 0.1871

Previews

White Background



This preview shows how the HunterLab color 19.1161, 17.3773, -56.7414 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 19.1161, 17.3773, -56.7414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

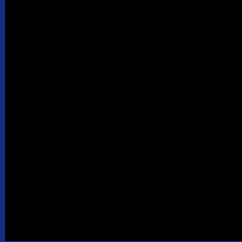
Any Text WCAG AA × Fail

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 19.1161, 17.3773, -56.7414 Background



This preview shows how black text looks on a background with the HunterLab color 19.1161, 17.3773, -56.7414.



This preview shows how white text looks on a background with the HunterLab color 19.1161, 17.3773, -56.7414.

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

19.1161, 17.3773, -56.7414

Protanopia

18.9256, 5.0075, -34.4651

Deuteranopia

19.0696, -1.2229, -21.1955



Tritanopia

18.9786, -9.3111, -3.6216

Trichromacy



Original Color

19.1161, 17.3773, -56.7414

Protanomaly

18.8580, 9.2945, -42.1041

Deuteranomaly

18.9481, 4.8514, -32.6325

Tritanomaly

18.4695, -1.1777, -18.9796

Monochromacy



Original Color

19.1161, 17.3773, -56.7414

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.0766, 3.0578, -14.4491

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.1161, 17.3773, -56.7414 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(21, 44, 133)` looks like.

```
.text, #text, p{  
    color:rgb(21, 44, 133)  
}
```

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(21, 44, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 44, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 19.1161, 17.3773, -56.7414 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(21, 44, 133) }
```


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

```
.border{ border-color:rgb(21, 44, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 44, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 44, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 44, 133);  
box-shadow:4px 4px 4px 4px rgb(21, 44,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.1161, 17.3773, -56.7414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 44, 133) }
```

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

```
.background{ background-color: rgb(21, 44,  
133) }
```

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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