

Converting Colors

HunterLab(21.9800, -13.5264,
11.0124)

Have a look what the booklet for
HunterLab(21.9800, -13.5264,
11.0124) contains.

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Color

**HunterLab(21.9171,
-13.5297, 10.9307)**

Conversions

Conversions Part 1

Format	Color
Hex	234618
RGB	35, 70, 24
RGB Percent	14%, 27%, 9%
CMY	0.8627, 0.7255, 0.9059
CMYK	0.50, 0.00, 0.66, 0.73
HSL	106°, 49%, 18%
HSV	106°, 66%, 27%
XYZ	3.0482, 4.8036, 1.6307
YIQ	54.2910, -6.0940, -21.7260

Conversions

Conversions Part 2

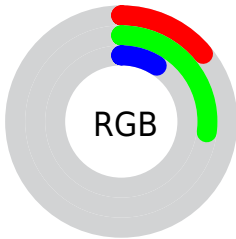
Format	Color
RYB	24, 70, 59
Decimal	2311704
CIELab	26.17, -22.90, 23.40
CIELCh	26, 32.746, 134.378
Yxy	4.8038, 0.3215, 0.5066
Android (android.graphics.Color)	4280501784 (0xFF234618)
YUV	54.2910, -14.9335, -16.9182
Hunter-Lab	21.9171, -13.5297, 10.9307

Details

The HunterLab color **21.9171, -13.5297, 10.9307** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **14.2317, 15.6816, -15.0966**, and the grayscale version is **19.3562, -1.0328, 1.0517**.

A 20% lighter version of the original color is **39.3222, -17.7984, 15.4293**, and **9.1132, -7.8146, 5.4787** is the 20% darker color. If you saturate the color by 10%, you get **21.6613, -14.6906, 11.6388**, and if you desaturate by 10%, it is **22.2197, -12.1700, 10.0193**.

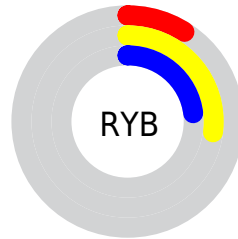
Distribution



Red (14%)

Green (27%)

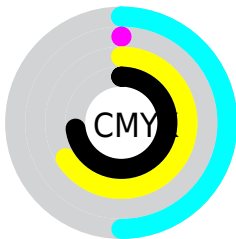
Blue (9%)



Red (9%)

Yellow (27%)

Blue (23%)

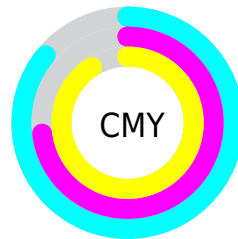


Cyan (50%)

Magenta (0%)

Yellow (66%)

Black (73%)



Cyan (86%)

Magenta (73%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.9171, -13.5297, 10.9307 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 21.9171, -13.5297, 10.9307 by changing the saturation by 10% instead.

■ 21.9171, -13.5297,
10.9307

■ 21.9171, -13.5297,
10.9307

121.6197,
-30.3939, 28.4123

■ 14.6034, -11.1407,
8.9531

■ 39.2344, -17.7455,
15.3681

■ 8.2636, -12.5179,
5.7845

■ 49.0719, -19.6889,
17.3958

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.6169, -21.5640,
19.3421

0.0000, NaN, NaN

■ 70.8248, -23.3888,
21.2280

0.0000, NaN, NaN

■ 82.6585, -25.1760,
23.0683

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 95.0864, -26.9349,

■ 108.0814,
-28.6724, 26.6532

■ 21.9171, -13.5297,
10.9307

■ 21.9171, -13.5297,
10.9307

■ 21.6613, -14.6906,
11.6388

■ 22.2197, -12.1700,
10.0193

■ 21.4497, -15.6503,
12.1494

■ 22.5683, -10.6154,
8.9029

■ 21.2738, -16.4569,
12.5806

■ 22.9636, -8.8749,
7.5844

■ 21.2068, -16.7697,
12.7740

■ 23.4052, -6.9591,
6.0700

■ 23.8926, -4.8809,
4.3688

■ 24.4248, -2.6541,
2.4915

■ 25.0005, -0.2929,
0.4506

■ 25.6185, 2.1882,
-1.7413

■ 26.2771, 4.7753,
-4.0708

Harmonies

Analogous

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



21.9176, -5.9414, 12.8085



21.9171, -13.5297, 10.9307



21.9176, -17.3620, 5.7422

Triad

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



21.9176, -13.5301, 10.9308



21.9176, -6.3244, -26.3604



21.9176, 21.8927, 5.4294

Complementary

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



21.9171, -13.5297, 10.9307



14.2317, 15.6816, -15.0966

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.



21.9176, 21.7371, -4.6049



21.9171, -13.5297, 10.9307



21.9176, 4.0467, -26.5815

Square

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



21.9176, -13.5301, 10.9308



21.9176, -13.7650, -16.8325



21.9176, 14.7310, -17.3425



21.9176, 15.1231, 10.7945

Rectangle

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



21.9171, -13.5297, 10.9307



21.9176, -17.8256, -0.3172



21.9176, 14.7310, -17.3425



21.9176, 22.6837, 2.6029

Sweetspot

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



21.9176, -13.5301, 10.9308



31.1755, -7.8641, 6.9388



21.0832, -1.0890, 10.5420



15.7156, -4.1454, 3.6464



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



21.9176, -13.5301, 10.9308



28.3795, -20.2337, 15.8198



21.6773, -14.2380, 8.6516



12.9295, -1.7665, 1.6274



30.3326, -24.3877, 18.2639



74.6341, -61.2727, 44.9165

Inverse Universe

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



14.2317, 15.6816, -15.0966



16.4881, 25.4943, -25.6387



15.0535, 16.6892, -6.4629



12.3298, 0.4546, -0.3055



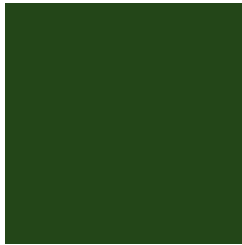
15.5966, 32.5408, -35.1238



37.9363, 79.5788, -88.7535

Previews

White Background



This preview shows how the HunterLab color 21.9171, -13.5297, 10.9307 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

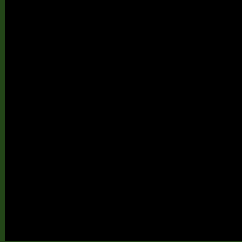
Any Text WCAG AA × Fail

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 21.9171, -13.5297, 10.9307 Background



This preview shows how black text looks on a background with the HunterLab color 21.9171, -13.5297, 10.9307.



This preview shows how white text looks on a background with the HunterLab color 21.9171,

-13.5297, 10.9307.

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

21.9171, -13.5297, 10.9307

Protanopia

21.8366, -2.8872, 11.3441

Deuteranopia

21.8850, 1.1296, 10.5289



Tritanopia

21.8426, -4.9941, -2.8094

Trichromacy



Original Color

21.9171, -13.5297, 10.9307

Protanomaly

21.7079, -7.2987, 11.0345

Deuteranomaly

21.5830, -5.0036, 10.3633

Tritanomaly

21.7992, -8.7733, 3.7868

Monochromacy



Original Color

21.9171, -13.5297, 10.9307

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

20.0262, -6.3075, 5.4631

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.9171, -13.5297, 10.9307 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(35, 70, 24)` looks like.

```
.text, #text, p{  
    color:rgb(35, 70, 24)  
}
```

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(35, 70, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 70, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 21.9171, -13.5297, 10.9307 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(35, 70, 24) }
```


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

```
.border{ border-color:rgb(35, 70, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 70, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 70, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 70, 24);  
box-shadow:4px 4px 4px 4px rgb(35, 70, 24)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.9171, -13.5297, 10.9307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 70, 24) }
```

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

```
.background{ background-color: rgb(35, 70,  
24) }
```

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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