

Converting Colors

HunterLab(21.1218, -9.9597,
2.9095)

Have a look what the booklet for
HunterLab(21.1218, -9.9597, 2.9095)
contains.

HunterLab(21.1047, -10.0445, 3.0241)	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(21.1047,
-10.0445, 3.0241)**

Conversions

Conversions Part 1

Format	Color
Hex	1F4236
RGB	31, 66, 54
RGB Percent	12%, 26%, 21%
CMY	0.8784, 0.7412, 0.7882
CMYK	0.53, 0.00, 0.18, 0.74
HSL	159°, 36%, 19%
HSV	159°, 53%, 26%
XYZ	3.1792, 4.4541, 4.1822
YIQ	54.1670, -17.0080, -11.1520

Conversions

Conversions Part 2

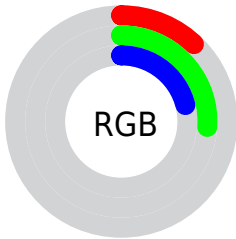
Format	Color
RYB	31, 52, 66
Decimal	2048566
CIELab	25.12, -16.14, 3.41
CIElCh	25, 16.496, 168.052
Yxy	4.4543, 0.2691, 0.3770
Android (android.graphics.Color)	4280238646 (0xFF1F4236)
YUV	54.1670, -0.0823, -20.3175
Hunter-Lab	21.1047, -10.0445, 3.0241

Details

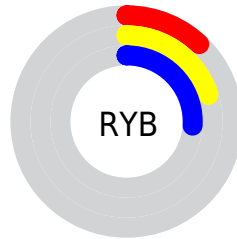
The HunterLab color **21.1047, -10.0445, 3.0241** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15.2078, 10.6287, 0.6460**, and the grayscale version is **19.2680, -1.0281, 1.0469**.

A 20% lighter version of the original color is **38.2020, -13.0812, 4.2026**, and **8.2169, -6.0939, 2.8845** is the 20% darker color. If you saturate the color by 10%, you get **20.8358, -11.2027, 3.4859**, and if you desaturate by 10%, it is **21.4225, -8.7154, 2.5992**.

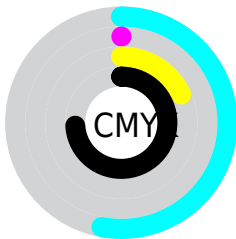
Distribution



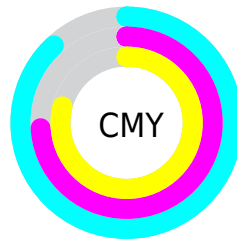
- Red (12%)
- Green (26%)
- Blue (21%)



- Red (12%)
- Yellow (20%)
- Blue (26%)



- Cyan (53%)
- Magenta (0%)
- Yellow (18%)
- Black (74%)



- Cyan (88%)
- Magenta (74%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1047, -10.0445, 3.0241 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 21.1047, -10.0445, 3.0241 by changing the saturation by 10% instead.

■ 21.1047, -10.0445,
3.0241

■ 21.1047, -10.0445,
3.0241

120.1752,
-23.3908, 10.0044

■ 13.8952, -8.2685,
2.3624

■ 38.2459, -13.2520,
4.4053

■ 7.5285, -9.7430,
2.2901

■ 48.0063, -14.7622,
5.1310

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.4793, -16.2371,
5.8816

0.0000, NaN, NaN

■ 69.6196, -17.6886,
6.6572

0.0000, NaN, NaN

■ 81.3892, -19.1245,
7.4576

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.7561, -20.5508,

106.6928,
-21.9718, 9.1317

21.1047, -10.0445,
3.0241

21.1047, -10.0445,
3.0241

20.8358, -11.2027,
3.4859

21.4225, -8.7154,
2.5992

20.6132, -12.1860,
3.9788

21.7886, -7.2212,
2.2147

20.4354, -12.9959,
4.4969

22.2034, -5.5716,
1.8741

20.2863, -13.6922,
5.0199

22.6667, -3.7778,
1.5799

20.1835, -14.1739,
5.3697

23.1775, -1.8526,
1.3334

■ 23.7348, 0.1907,
1.1351

■ 24.3372, 2.3385,
0.9850

■ 24.9831, 4.5779,
0.8822

■ 25.6707, 6.8964,
0.8253

Harmonies

Analogous

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



21.1051, -8.0602, 6.5686



21.1047, -10.0445, 3.0241



21.1051, -9.8164, -2.0160

Triad

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



21.1051, -10.0447, 3.0243



21.1051, 2.0611, -10.0414



21.1051, 5.9801, 7.0688

Complementary

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



21.1047, -10.0445, 3.0241



15.2078, 10.6287, 0.6460

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.



21.1051, 9.2442, 3.8886



21.1047, -10.0445, 3.0241



21.1051, 6.8352, -6.2485

Square

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



21.1051, -10.0447, 3.0243



21.1051, -3.1573, -10.4344



21.1051, 9.5715, -0.9164



21.1051, 0.9826, 8.4960

Rectangle

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



21.1047, -10.0445, 3.0241



21.1051, -8.4370, -5.5942



21.1051, 9.5715, -0.9164



21.1051, 7.3365, 6.2104

Sweetspot

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



21.1051, -10.0447, 3.0243



29.6412, -5.8672, 2.2172



21.2475, -10.2793, 9.2951



15.0646, -3.0721, 1.1423



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



21.1051, -10.0447, 3.0243



27.3421, -15.2791, 4.8343



19.9892, -6.3698, -3.0829



12.1407, -1.5514, 0.7758



29.8285, -21.1917, 8.4638



74.5973, -53.8166, 22.9344

Inverse Universe

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



15.2078, 10.6287, 0.6460



17.9868, 17.9336, 1.3617



15.9193, 7.2676, 5.1083



11.5966, 0.3175, 0.5336



16.2695, 28.5447, 5.2212



40.5540, 70.7691, 15.9792

Previews

White Background



This preview shows how the HunterLab color 21.1047, -10.0445, 3.0241 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

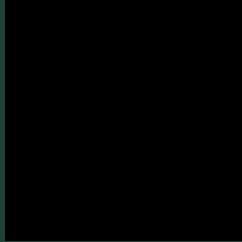
Any Text WCAG AA × Fail

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 21.1047, -10.0445, 3.0241 Background



This preview shows how black text looks on a background with the HunterLab color 21.1047, -10.0445, 3.0241.



This preview shows how white text looks on a background with the HunterLab color 21.1047,

-10.0445, 3.0241.

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

21.1047, -10.0445, 3.0241

Protanopia

21.0326, -1.0656, 4.1127

Deuteranopia

20.9883, 1.4711, 2.3896



Tritanopia

21.1460, -6.3202, -2.8668

Trichromacy



Original Color

21.1047, -10.0445, 3.0241

Protanomaly

20.9690, -5.1337, 3.6451

Deuteranomaly

20.7167, -3.2819, 2.3638

Tritanomaly

21.1916, -7.8115, -0.6493

Monochromacy



Original Color

21.1047, -10.0445, 3.0241

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.6807, -4.4598, 1.5350

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1047, -10.0445, 3.0241 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(31, 66, 54)` looks like.

```
.text, #text, p{  
    color:rgb(31, 66, 54)  
}
```

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(31, 66, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 66, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1047, -10.0445, 3.0241 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(31, 66, 54) }
```


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

```
.border{ border-color:rgb(31, 66, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 66, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 66, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 66, 54);  
box-shadow:4px 4px 4px 4px rgb(31, 66, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.1047, -10.0445, 3.0241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 66, 54) }
```

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

```
.background{ background-color: rgb(31, 66,  
54) }
```

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