

Converting Colors

HunterLab(17.2012, -3.2546,
-0.0606)

Have a look what the booklet for
HunterLab(17.2012, -3.2546,
-0.0606) contains.

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Color

**HunterLab(17.2376, -3.1051,
-0.2053)**

Conversions

Conversions Part 1

Format	Color
Hex	283233
RGB	40, 50, 51
RGB Percent	16%, 20%, 20%
CMY	0.8431, 0.8039, 0.8000
CMYK	0.22, 0.02, 0.00, 0.80
HSL	185°, 12%, 18%
HSV	185°, 22%, 20%
XYZ	2.6132, 2.9713, 3.5678
YIQ	47.1240, -6.2810, -1.8090

Conversions

Conversions Part 2

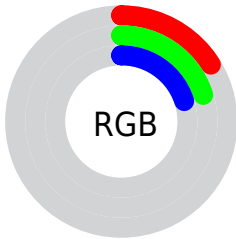
Format	Color
RYB	40, 45, 51
Decimal	2634291
CIELab	19.93, -3.96, -2.05
CIELCh	20, 4.457, 207.422
Yxy	2.9715, 0.2855, 0.3247
Android (android.graphics.Color)	4280824371 (0xFF283233)
YUV	47.1240, 1.9109, -6.2477
Hunter-Lab	17.2376, -3.1051, -0.2053

Details

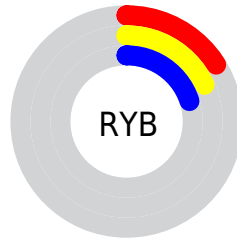
The HunterLab color **17.2376, -3.1051, -0.2053** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.6298, 1.6699, 2.0448**, and the grayscale version is **16.8969, -0.9016, 0.9180**.

A 20% lighter version of the original color is **33.4067, -4.5654, 0.4336**, and **1.0468, 2.8394, -7.4378** is the 20% darker color. If you saturate the color by 10%, you get **16.8419, -3.9492, -0.7171**, and if you desaturate by 10%, it is **17.6645, -2.1665, 0.3343**.

Distribution



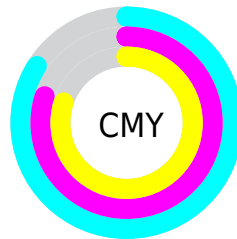
- Red (16%)
- Green (20%)
- Blue (20%)



- Red (16%)
- Yellow (18%)
- Blue (20%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)
- Black (80%)



- Cyan (84%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.2376, -3.1051, -0.2053 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 17.2376, -3.1051, -0.2053 by changing the saturation by 10% instead.

■ 17.2376, -3.1051,
-0.2053

■ 17.2376, -3.1051,
-0.2053

113.1105,
-10.2072, 4.0662

■ 10.5681, -2.4020,
-0.4084

■ 33.4789, -4.5391,
0.4125

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 42.8480, -5.2828,
0.8065

0.0000, NaN, NaN

■ 52.9574, -6.0477,
1.2491

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.7565, -6.8348,
1.7358

0.0000, NaN, NaN

■ 75.2038, -7.6443,
2.2634

0.0000, NaN, NaN

■ 87.2644, -8.4763,

0.0000, NaN, NaN

2.8291

99.9086, -9.3307,
3.4306

17.2376, -3.1051,
-0.2053

17.2376, -3.1051,
-0.2053

16.8419, -3.9492,
-0.7171

17.6645, -2.1665,
0.3343

16.4771, -4.6917,
-1.1991

18.1207, -1.1394,
0.8981

16.1437, -5.3275,
-1.6485

18.6058, -0.0311,
1.4836

15.8418, -5.8526,
-2.0628

19.1186, 1.1512,
2.0881

15.5713, -6.2646,
-2.4403

19.6582, 2.4007,
2.7090

■ 15.3313, -6.5639,
-2.7802

■ 20.2234, 3.7106,
3.3442

■ 15.1014, -6.8267,
-3.1108

■ 20.8131, 5.0748,
3.9916

■ 14.9059, -7.0572,
-3.3966

■ 21.4261, 6.4875,
4.6493

■ 22.0614, 7.9434,
5.3158

Harmonies

Analogous

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



17.2380, -3.3715, 1.0460



17.2376, -3.1051, -0.2053



17.2380, -2.2594, -1.2111

Triad

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



17.2380, -3.1054, -0.2050



17.2380, 1.2592, -0.4059



17.2380, -0.8070, 3.1697

Complementary

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



17.2376, -3.1051, -0.2053



15.6298, 1.6699, 2.0448

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.



17.2380, 0.4602, 2.8422



17.2376, -3.1051, -0.2053



17.2380, 1.6752, 0.8299

Square

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



17.2380, -3.1054, -0.2050



17.2380, 0.2577, -1.3330



17.2380, 1.3785, 2.0083



17.2380, -2.0683, 2.9373

Rectangle

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



17.2376, -3.1051, -0.2053



17.2380, -1.4672, -1.5747



17.2380, 1.3785, 2.0083



17.2380, -0.3673, 3.1220

Sweetspot

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



17.2380, -3.1054, -0.2050



23.0667, -2.1101, 0.8088



17.2579, -4.7805, 3.3693



12.1805, -1.1111, 0.4287



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



17.2380, -3.1054, -0.2050



21.9124, -4.6471, -0.6511



15.9228, -1.0132, -1.8686



9.8017, -1.0084, 0.2862



25.7518, -12.0248, -6.2294



67.0498, -30.8905, -17.1227

Inverse Universe

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



15.6581, 3.3761, -1.7193



19.3626, 5.8891, -3.1560



16.8635, -0.4907, 3.3243



9.4617, 0.3666, -0.0220



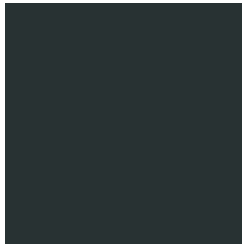
16.5302, 31.9152, -17.2777



43.2983, 83.4661, -44.2415

Previews

White Background



This preview shows how the HunterLab color 17.2376, -3.1051, -0.2053 looks on a white background.

Color Contrast Check

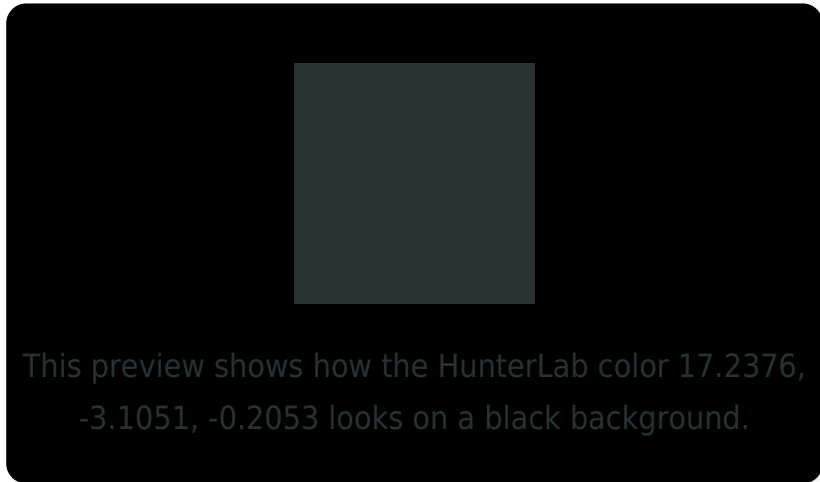
Large Text (above 18pt) WCAG AA ✓ Pass

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

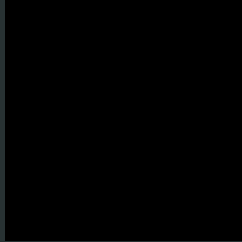
Any Text WCAG AA × Fail

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 17.2376, -3.1051, -0.2053 Background



This preview shows how black text looks on a background with the HunterLab color 17.2376, -3.1051, -0.2053.



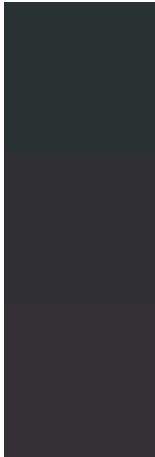
This preview shows how white text looks on a background with the HunterLab color 17.2376, -3.1051, -0.2053.

-0.2053.

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

17.2376, -3.1051, -0.2053

Protanopia

17.2411, -0.6490, 0.2354

Deuteranopia

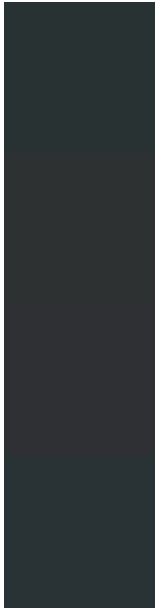
17.2765, 0.7784, -0.4901



Tritanopia

17.3752, -2.4539, -1.2456

Trichromacy



Original Color

17.2376, -3.1051, -0.2053

Protanomaly

17.2766, -1.7570, 0.2591

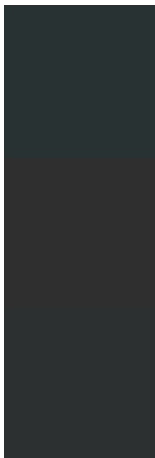
Deuteranomaly

17.2226, -0.6109, -0.5825

Tritanomaly

17.3484, -2.6031, -0.8666

Monochromacy



Original Color

17.2376, -3.1051, -0.2053

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.9197, -1.8724, 0.5943

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.2376, -3.1051, -0.2053 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(40, 50, 51)` looks like.

```
.text, #text, p{  
    color:rgb(40, 50, 51)  
}
```

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(40, 50, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 50, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 17.2376, -3.1051, -0.2053 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(40, 50, 51) }
```


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

```
.border{ border-color:rgb(40, 50, 51) }
```

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

Here you see how a box with a 4 pixel rgb(40, 50, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 50, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 50, 51);  
box-shadow:4px 4px 4px 4px rgb(40, 50, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.2376, -3.1051, -0.2053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 50, 51) }
```

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

```
.background{ background-color: rgb(40, 50,  
51) }
```

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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