

Converting Colors

HunterLab(21.0610, 5.7202,
2.6764)

Have a look what the booklet for
HunterLab(21.0610, 5.7202, 2.6764)
contains.

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Color

**HunterLab(21.2171, 5.7223,
2.7189)**

Conversions

Conversions Part 1

Format	Color
Hex	4D3638
RGB	77, 54, 56
RGB Percent	30%, 21%, 22%
CMY	0.6980, 0.7882, 0.7804
CMYK	0.00, 0.30, 0.27, 0.70
HSL	355°, 18%, 26%
HSV	355°, 30%, 30%
XYZ	5.0936, 4.5017, 4.3419
YIQ	61.1050, 13.0660, 5.4980

Conversions

Conversions Part 2

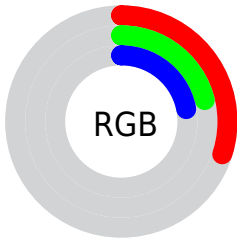
Format	Color
R_{YB}	77, 54, 56
Decimal	5060152
CIE Lab	25.27, 10.64, 2.82
CIE LCh	25, 11.008, 14.837
Yxy	4.5019, 0.3655, 0.3230
Android (android.graphics.Color)	4283250232 (0xFF4D3638)
YUV	61.1050, -2.5168, 13.9399
Hunter-Lab	21.2171, 5.7223, 2.7189




Details

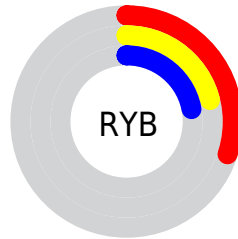
The HunterLab color **21.2171, 5.7223, 2.7189** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25.6907, -7.1240, 0.3427**, and the grayscale version is **21.6441, -1.1549, 1.1760**.




A 20% lighter version of the original color is **38.4690, 6.2445, 4.0366**, and **7.6924, 5.5548, 1.9025** is the 20% darker color. If you saturate the color by 10%, you get **19.4344, 8.2686, 3.2657**, and if you desaturate by 10%, it is **23.1300, 3.2418, 2.2431**.

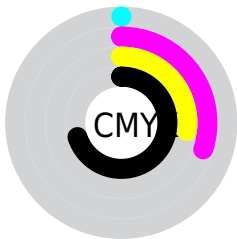
Distribution







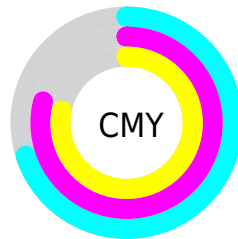
-  Red (30%)
-  Green (21%)
-  Blue (22%)






-  Red (30%)
-  Yellow (21%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (30%)
-  Yellow (27%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (79%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2171, 5.7223, 2.7189 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 21.2171, 5.7223, 2.7189 by changing the saturation by 10% instead.

■ 21.2171, 5.7223,
2.7189

■ 21.2171, 5.7223,
2.7189

■ 120.3759, 5.3112,
9.4199

■ 13.9931, 5.3318,
2.1059

■ 38.3830, 6.1433,
4.0205

■ 7.6351, 5.6651,
1.9459

■ 48.1541, 6.2156,
4.7119

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.6372, 6.2126,
5.4307

0.0000, NaN, NaN

■ 69.7869, 6.1427,
6.1767

0.0000, NaN, NaN

■ 81.5655, 6.0128,
6.9492

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.9409, 5.8281,

106.8857, 5.5931,
8.5714

■ 21.2171, 5.7223,
2.7189

■ 21.2171, 5.7223,
2.7189

■ 19.4344, 8.2686,
3.2657

■ 23.1300, 3.2418,
2.2431

■ 17.8033, 10.8535,
3.8845

■ 25.1529, 0.8400,
1.8311

■ 16.3507, 13.4167,
4.5701

■ 27.2709, -1.4839,
1.4757

■ 15.1059, 15.8577,
5.3041

■ 29.4716, -3.7357,
1.1697

■ 14.0974, 18.0321,
6.0500

■ 31.7450, -5.9232,
0.9061

■ 13.3355, 19.8074,
6.7460

■ 34.0828, -8.0549,
0.6789

■ 12.6288, 21.6998,
7.2471

■ 36.4784, -10.1388,
0.4830

■ 12.6192, 21.7270,
7.2536

■ 38.9262, -12.1825,
0.3139

■ 41.4216, -14.1923,
0.1679

Harmonies

Analogous

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



21.2176, 5.7104, -0.5763



21.2171, 5.7223, 2.7189



21.2176, 3.8171, 5.1664

Triad

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



21.2176, 5.7215, 2.7193



21.2176, -5.6430, 5.1867



21.2176, -2.8533, -5.9434

Complementary

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



21.2171, 5.7223, 2.7189



25.6907, -7.1240, 0.3427

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.



21.2176, -5.6676, -3.8346



21.2171, 5.7223, 2.7189



21.2176, -7.2063, 2.7515

Square

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



21.2176, 5.7215, 2.7193



21.2176, -2.8177, 6.4273



21.2176, -7.2150, -0.5384



21.2176, 0.6054, -5.9558

Rectangle

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



21.2171, 5.7223, 2.7189



21.2176, 1.7839, 6.1411



21.2176, -7.2150, -0.5384



21.2176, -3.9009, -5.4428

Sweetspot

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



21.2176, 5.7215, 2.7193



32.9167, 0.9275, 2.3586



21.5828, 8.0246, -5.8482



16.7534, 0.6134, 1.2314



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



21.2176, 5.7215, 2.7193



25.8991, 9.9128, 4.0626



23.2842, 1.5329, 5.4868



13.0585, 0.2842, 0.9174



16.8648, 28.9966, 10.0048



40.9764, 70.2962, 25.5264

Inverse Universe

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



21.2176, 5.7215, 2.7193



25.8991, 9.9128, 4.0626



23.3032, -3.1236, -3.5594



13.0585, 0.2842, 0.9174



16.8648, 28.9966, 10.0048



40.9764, 70.2962, 25.5264

Previews

White Background



This preview shows how the HunterLab color 21.2171, 5.7223, 2.7189 looks on a white background.

Color Contrast Check

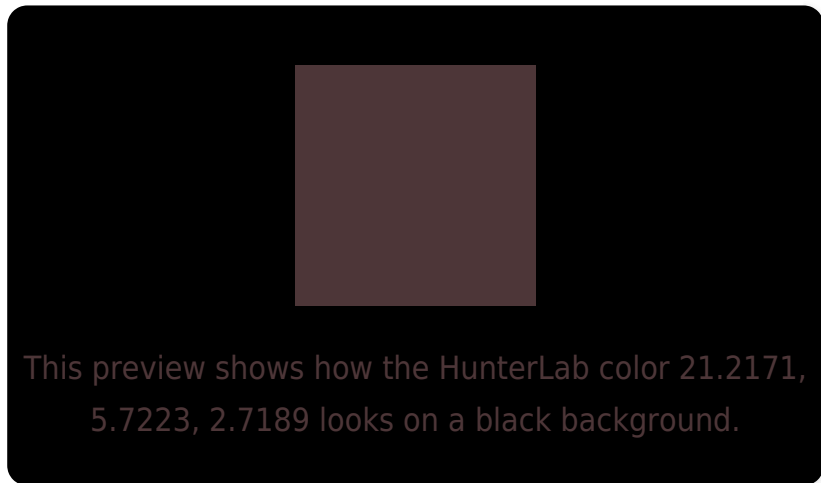
Large Text (above 18pt) WCAG AA ✓ Pass

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

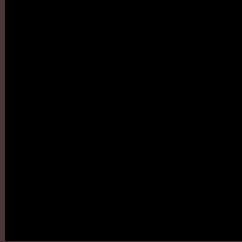
Any Text WCAG AA × Fail

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 21.2171, 5.7223, 2.7189 Background



This preview shows how black text looks on a background with the HunterLab color 21.2171, 5.7223, 2.7189.

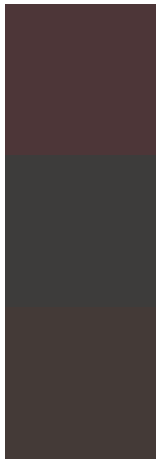


This preview shows how white text looks on a background with the HunterLab color 21.2171, 5.7223,

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

21.2171, 5.7223, 2.7189

Protanopia

21.3063, -1.0123, 1.5970

Deuteranopia

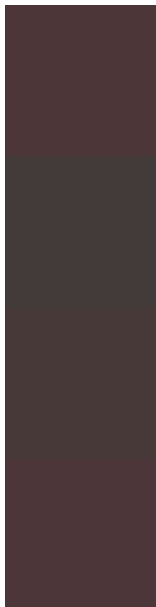
21.2859, 1.2117, 3.0698



Tritanopia

21.2641, 5.9644, 2.0458

Trichromacy



Original Color

21.2171, 5.7223, 2.7189

Protanomaly

21.2718, 1.3036, 1.9730

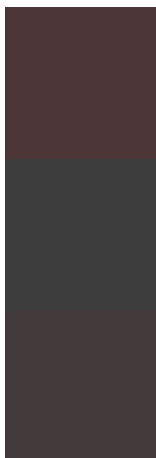
Deuteranomaly

21.3112, 2.5012, 3.1200

Tritanomaly

21.2403, 5.8423, 2.3853

Monochromacy



Original Color

21.2171, 5.7223, 2.7189

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.2959, 1.4330, 1.6279

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2171, 5.7223, 2.7189 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(77, 54, 56)` looks like.

```
.text, #text, p{  
    color:rgb(77, 54, 56)  
}
```

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(77, 54, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 54, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2171, 5.7223, 2.7189 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(77, 54, 56) }
```


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

```
.border{ border-color:rgb(77, 54, 56) }
```

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

Here you see how a box with a 4 pixel rgb(77, 54, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 54, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 54, 56);  
box-shadow:4px 4px 4px 4px rgb(77, 54, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.2171, 5.7223, 2.7189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 54, 56) }
```

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

```
.background{ background-color: rgb(77, 54,  
56) }
```

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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