

Converting Colors

HunterLab(49.7791, -22.6289,
-5.6099)

Have a look what the booklet for
HunterLab(49.7791, -22.6289,
-5.6099) contains.

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Color

**HunterLab(49.7903,
-22.7044, -5.6039)**

Conversions

Conversions Part 1

Format	Color
Hex	329699
RGB	50, 150, 153
RGB Percent	20%, 59%, 60%
CMY	0.8039, 0.4118, 0.4000
CMYK	0.67, 0.02, 0.00, 0.40
HSL	182°, 51%, 40%
HSV	182°, 67%, 60%
XYZ	17.9715, 24.7907, 33.9749
YIQ	120.4420, -60.5630, -20.2670

Conversions

Conversions Part 2

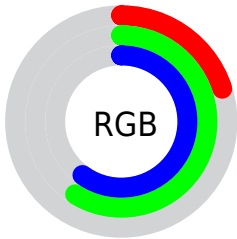
Format	Color
RYB	50, 101, 153
Decimal	3315353
CIELab	56.87, -27.12, -10.01
CIELCh	57, 28.908, 200.265
Yxy	24.7917, 0.2342, 0.3231
Android (android.graphics.Color)	4281505433 (0xFF329699)
YUV	120.4420, 16.0511, -61.7776
Hunter-Lab	49.7903, -22.7044, -5.6039

Details

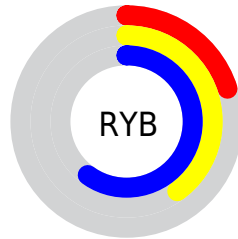
The HunterLab color **49.7903, -22.7044, -5.6039** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **30.9022, 32.4864, 13.8194**, and the grayscale version is **43.4677, -2.3193, 2.3617**.

A 20% lighter version of the original color is **71.7963, -27.0674, -4.9820**, and **31.4372, -16.0635, -4.6172** is the 20% darker color. If you saturate the color by 10%, you get **49.3191, -23.8074, -6.2570**, and if you desaturate by 10%, it is **50.3886, -21.1279, -4.7820**.

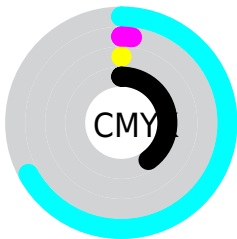
Distribution



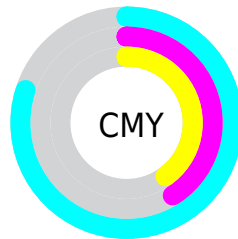
- Red (20%)
- Green (59%)
- Blue (60%)



- Red (20%)
- Yellow (40%)
- Blue (60%)



- Cyan (67%)
- Magenta (2%)
- Yellow (0%)
- Black (40%)



- Cyan (80%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7903, -22.7044, -5.6039 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 49.7903, -22.7044, -5.6039 by changing the saturation by 10% instead.

■ 49.7903, -22.7044,
-5.6039

■ 49.7903, -22.7044,
-5.6039

166.3727,
-40.3493, -2.8472

■ 39.9023, -20.4885,
-5.6457

■ 71.6373, -26.8912,
-5.3299

■ 30.7716, -18.1508,
-5.6161

■ 83.5138, -28.8994,
-5.1099

■ 22.4684, -15.6400,
-5.5058

■ 95.9824, -30.8674,
-4.8400

■ 15.0852, -12.8678,
-5.3058

■ 109.0164,
-32.8040, -4.5238

■ 8.7221, -14.0139,
-5.0797

■ 122.5921,
-34.7156, -4.1640

0.0000, NaN, -NF

0.0000, NaN, NaN

136.6889,

-36.6077, -3.7633

0.0000, NaN, NaN

151.2880,
-38.4845, -3.3237

0.0000, NaN, NaN

■ 49.7903, -22.7044,
-5.6039

■ 49.7903, -22.7044,
-5.6039

■ 49.3191, -23.8074,
-6.2570

■ 50.3886, -21.1279,
-4.7820

■ 48.9619, -24.4667,
-6.7529

■ 51.1183, -19.0638,
-3.7900

■ 48.6989, -24.7591,
-7.1173

■ 51.9847, -16.5130,
-2.6289

■ 48.6329, -24.8195,
-7.2087

■ 52.9900, -13.4880,
-1.3045

■ 54.1344, -10.0112,
0.1744

■ 55.4166, -6.1121,
1.7965

■ 56.8338, -1.8249,
3.5489

■ 58.3823, 2.8132,
5.4182

■ 60.0576, 7.7645,
7.3909

Harmonies

Analogous

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



49.7912, -23.6250, 6.3178



49.7903, -22.7044, -5.6039



49.7912, -16.7087, -17.5487

Triad

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



49.7912, -22.7046, -5.6032



49.7912, 16.5760, -13.6607



49.7912, 1.3461, 19.9938

Complementary

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



49.7903, -22.7044, -5.6039



30.9022, 32.4864, 13.8194

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.



49.7912, 13.1442, 16.9315



49.7903, -22.7044, -5.6039



49.7912, 22.4765, -1.1892

Square

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



49.7912, -22.7046, -5.6032



49.7912, 5.6793, -22.9190



49.7912, 21.1638, 9.7989



49.7912, -10.4830, 19.3547

Rectangle

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



49.7903, -22.7044, -5.6039



49.7912, -10.2928, -23.0229



49.7912, 21.1638, 9.7989



49.7912, 5.4635, 19.3978

Sweetspot

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



49.7912, -22.7046, -5.6032



71.9530, -14.8921, -0.3971



48.6894, -36.3713, 25.4490



33.6248, -7.5637, -0.4269



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



49.7912, -22.7046, -5.6032



65.7296, -32.3964, -8.7492



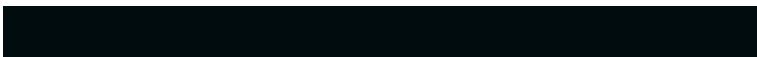
34.7157, -1.0958, -30.0985



26.4494, -3.3025, 0.7079



44.2223, -22.5755, -6.5400



5.4831, -2.8515, -0.6978

Inverse Universe

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



33.5503, 46.5405, -29.5044



41.7202, 72.3483, -45.7340



40.9233, 9.4493, 21.0092



25.1407, 1.8236, -0.7210



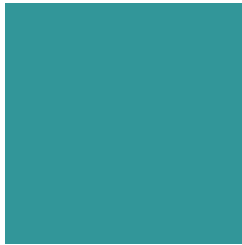
27.1653, 53.0821, -33.3048



3.3341, 6.5339, -4.2349

Previews

White Background



This preview shows how the HunterLab color 49.7903, -22.7044, -5.6039 looks on a white background.

Color Contrast Check

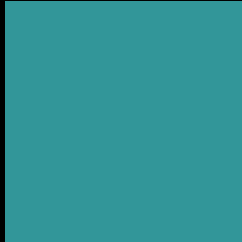
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.7903, -22.7044, -5.6039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

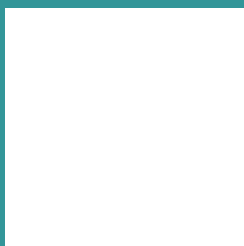
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.7903, -22.7044, -5.6039 Background



This preview shows how black text looks on a background with the HunterLab color 49.7903, -22.7044, -5.6039.



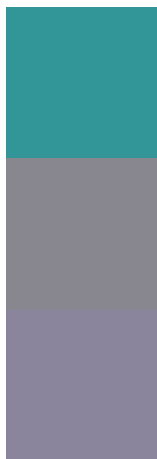
This preview shows how white text looks on a background with the HunterLab color 49.7903, -22.7044, -5.6039.

-22.7044, -5.6039.

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

49.7903, -22.7044, -5.6039

Protanopia

49.5740, -0.8734, -1.0249

Deuteranopia

49.4225, 3.7477, -7.7475



Tritanopia

49.8522, -20.2779, -9.7380

Trichromacy



Original Color

49.7903, -22.7044, -5.6039

Protanomaly

48.8528, -10.6977, -3.5855

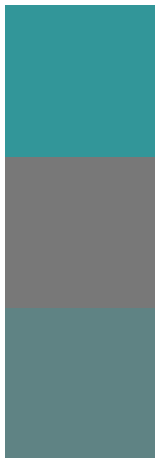
Deuteranomaly

48.9810, -8.1054, -8.0324

Tritanomaly

49.7196, -20.9968, -8.3049

Monochromacy



Original Color

49.7903, -22.7044, -5.6039

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

45.0904, -11.6082, -1.1230

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7903, -22.7044, -5.6039 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(50, 150, 153)` looks like.

```
.text, #text, p{  
    color:rgb(50, 150, 153)  
}
```

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(50, 150, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 150, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7903, -22.7044, -5.6039 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(50, 150, 153) }
```


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

```
.border{ border-color:rgb(50, 150, 153) }
```

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

Here you see how a box with a 4 pixel rgb(50, 150, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 150, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 150, 153);  
box-shadow:4px 4px 4px 4px rgb(50, 150,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7903, -22.7044, -5.6039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 150, 153) }
```

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

```
.background{ background-color: rgb(50, 150,  
153) }
```

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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